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and methods. 53 Queens Road Hersham Surrey KT12 5LP

Floating spares 'store' now Belgian beamer

Flacon — rusting and partly-

BACK IN the familiar surroundings of Grimsby's fish docks last week was the ex-BUT North Sea side trawler Ross Falcon. She is now Belgianowned and registered at Ostend as Falcon (0313) and operates as a beamer.

Official and Classified

VACANT

SKIPPER required for 65th., Scot-tish built trawler, fitted 152hp Gardner, Equipped with Decca, radar, echo sounder, sonar, Now fishing west coast but would consider move east. Telephone: St. Albana

SKIPPER or mate required for trawler, share, working south west cost. Box No. 285.

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Continued from page 15

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CAPTAIN F. S. HOWELL

Ross Falcon, one of ten third class' North Sea trawlers built by Cochrane & Sons Ltd. at Selby during the early 1960s for the old Ross Group, became the odd boat falcon to lead her malden as out following the merger with Grimsby to land her maiden as risheries to form a beam trawler. Far right: Ross

When it was decided to stripped — as she was bought transfer the vessels to other ports in the early 1970s, she was left behind as a floating spares store. Gradually she became stripped of much of her gear until it looked as though she was a certainty for a premature visit to the ship herebers.

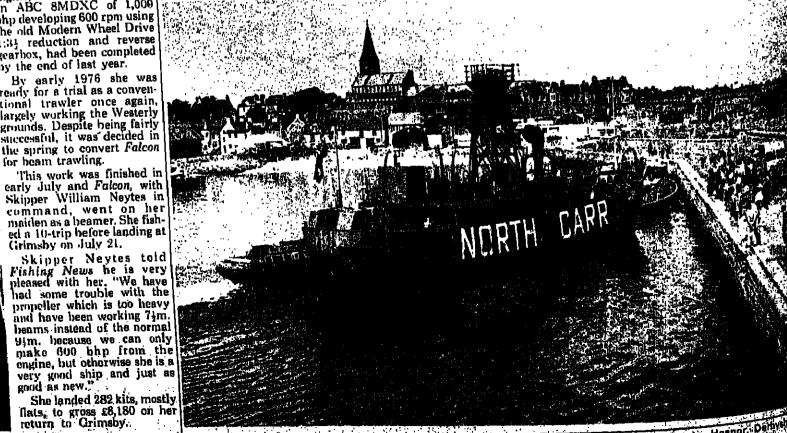
However, Belgian trawler by the end of last year. however, beigian trawler by the end of has year owner Raymond Claeys By early 1976 she was became interested in the 288-ton vessel and she was saved tional trawler once again, from this fate when he largely working the Westerly stepped in and bought the 15-grounds. Despite being fairly Ross Falcon was towed out the spring to convert Falcon

of Grimsby just a year ago for beam trawling, and taken to Ostend, where This work was finished in Mr. Cheys began the task of early July and Falcon, with restoring her.
Much of the work of Skipper William Neytes in removing the old Ruston & command, went on her maiden as a because St.

removing the old Ruston & maiden as a beamer. She fish-Hornshy 550 bhp main ed a 10-trip before landing at Skipper William Neytes of Grimsby on July 21.



IT WAS a big day in the small fishing port of Anstruther, last week, when the old North Carr lightship arrived . . . to ste As a result of a nationwide appeal, the vessel has been bought by the Scottish Fisheries Museum. The museum has recent been extended and at this time of the year is a big attraction for tourists. It has also become a regular visiting place to parties of Spottleb esheplebildess.



She landed 282 kits, mostly flats, to gross £8,180 on her return to Grimsby. Published by Arthur J. Heighway Publications Ltd., 110 Fleet Street, London, EC4: Printed by Derby Trader, Newspaper Ltd., Heanor Gate Industrial Estate, Heano CUTATION TO ALLED Legit Coll

> Sales & Service RAINHAM TRADING ESTATE DOVERS CORNER, NEW ROAD, RAINHAM, ESSEX Tel: Rainham 53355

August 13, 1976 No. 3289

Est. 1913

THIS WEEK we spotlight the growing importance of fishing in Devon and Cornwall. While the rapid expansion of mackenel fishing has been significant of progress made in this part of the country, other sections of the industry have not been standing still. With an increasing modern floor, the shellfish industry in the south-west computes on i lovel with earnings from mackeral. Vensels like April Provider (holow), are the mainstay of a shellfish flust now. earning £1.6m a year. Sho is a new 32 K. long Salcombebased potter and her skipper-owner, Graham Griffiths, is manning the hadder. Feature starts page nine.

AT LEAST another sixty men have joined Grimsby's dole queue with the decision of Sir Thomas Robinson and Son (Grimsby) Ltd. to cease its middle water operations. As reported in Fishing News last week, the White Fish Authority has repossessed its eight-strong fleet, three of which were fishing.

Some 45 officers and for employment is Skipper deckhands were employed on the firm's three operational Samarian home for the last trawlers—Samarian, Rhodetime under the famous sian and Priscillian—and, in Robinson tri-colour flag on Addition, there were smaller crews on Judean and Tiberian. These trawler's were on oil-rig standby before the repossession order was the corner when we came up served.

Skipper Harry Mitchell

A STATE OF THE STA

Among those now looking running and we are all as sad

"How the Government can sit back and do nothing with

last trip Samarian grossed r10,602 from 601 kits after a

A small number of "It is tragic, but we do not shore-based personnel blame the company responsible for crewing, etc., Everyone knows how hard have also been made redun- Mr. (Frank) Robinson has worked to keep the trawlers as he is that it has come to

> men losing their jobs like this is unbelievable.
> "I never thought I'd live to see the day the fishing in-dustry at Grimsby would come to this state." On her

14 day Westerly voyage.
Robinson is the third matter of weeks. Grimsby trawler owning con-cern to quit the industry in ess than two years because of | draft constitution for a trust draft constitution for a trust which will administer same period the overall strength of the port's wet fish fleet has slumped from 99 operational vessels to 57, with 16 others laid up. The near/middle water fleet, now near/middle water fleet, now the capital. numbering 25, stood at 42 in

already put out of work this year alone, the prospects for the casualties from Robinson ommand for the last time finding alternative berths are before joining the dole queue. very remote indeed. Most of contribution comes from a selow: laid up the Robinson the crew from Samarian sum paid by the oil industry trawlers Philadelphian, Oif- seemed resigned to a long in compensation for distur-vean, These along period on the dole; a fate to be and Judean.

Continued page 2

The fishermen's £50,000

Cheap loans from oil

LOW-COST loans for Shetland fishermen's association, and two Shetland trust should be administered by the chairman and tatives.

Shetland Fishermen's Shetland Fishermen's officio, along with one other sheet of the description of the secretary of the association extended by the chairman and tatives.

Shetland Fishermen's sessociation extended by the chairman and tatives.

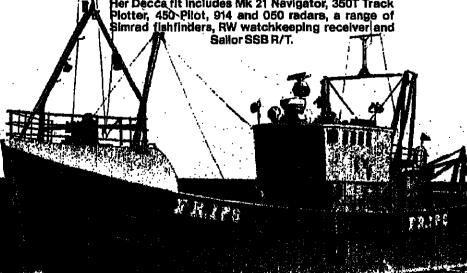
Most of the money is likely the offshore section of the secretary of the association extended by the chairman and tatives.

Shetland Fishermen's association, and two Shetland trustees will be able to contained by the chairman and tatives.

Most of the money is likely the offshore section of the fishing industry.



J & G Forbes yard for Charles Duthle of Fraserburgh. Plotter, 450-Pilot, 914 and 050 radars, a range of Bimrad fishfinders, RW watchkeeping receiver and Sallor SSB R/T.



AN IRISH trawler was escorted into Fleetwood last week by the fishery protection vessel HMS Cuxton after being caught fishing in the six-mile

limit.

John McDowell of Annalong, Co. Down, the skipper of the Dublin-registered trawler Croidte An Duin (seen right with HMS Cuxton) was fined £100 last Saturday when he appeared before Fleetwood Magistrates. He also had his catch and gear confiscated. Mr. R. O. Sutton.

prosecuting for MAFF, said that the vessel was seen fishing off the coast of Cumbria by the protec-

tion ship.

The frish trawler was boarded and the skipper was instructed to haul his net. The vessel had been approximately 5; miles off the coast.

struments and thought he was outside the limit. He then went down below for breakfast and, when he came up again, he was informed by the Navy that he was inside the limit.



patrol plea socurity at Ayr harbour is being made following the theft of Skipper William Gibson's £25,000 fishing truly to anyone, unlike 12 harbours which have femily so unless the police cane truly the situation, we be the second to any sider among the second truly truly the second truly the second truly the second truly the seco

THE announcement that the Farcese have decided to declare a 200-mile fishing limit has not come as a surprise to trawlermen. It was more or less expected as fishing is the mainstay of the islands' economy.

Aberdeen trawlermen will be badly affected by such a fair interest in move as 25 percent of the Aberdeen catch comes from Farce waters.

YOUNG'S Seefoods Ltd.

Their only hope is that the that the Farcese have decided as a surprise to trawlermen. It was institute to negotiations to move as 200-mile fishing limit has blow for the Aberdeen into the whoelhouse. Recently, he had an expensive radio stolen.

The Farcese development is complicated by the fact that a 200-mile limit would the shellouse. Recently, he had an expensive radio stolen.

This means that agreement would he appearant.

Skipper (fibson (52) said someone had smashed a blow for the Aberdeen into the whoelhouse. Recently, he had an expensive radio stolen.

This means that agreement would have to be reached on a median line.

This means that agreement would have to be reached on a median line.

Aberdeen catch comes from Farce waters.

YOUNG'S Seafoods Ltd. Is to close its fish processing factory in Yell, one of Shetland's worst unemployment areas.

If the 20 people working at the factory cannot find jobs, unemployment for the island will double. It will reach about ten per cent, about twice the figure for Shetland as a whole.

Young's is offering its workers jobs at its other factories in Lerwick, but few are likely to make the move from their island home.

Their only hope is that the waters and both sides had to median line.

Following the future.

FOLLOWING the report in Fishing News, July 30, on the Irish steel trawler Olgarry, we would like to point out that through the EEC, to go in and negotiate a viable reciprocal deal.

"We must get an assurance that the Government are Killybegs yard.

Waters and both sides had to waters and both sides had to median line.

FISTAL THE WATER AND THE WOULD AND THE WOULD AND THE WATER AND THE WOULD AND THE WATER AND T

placings, but in the latest lead of 2,757 points over C.S. which finished 10th last year, that has been constantly high June positions

Kits Points (11 Hammond lines (Newington) 15,484 21,827 71,688 11 19,677 11 13,487 11 15,677 11 15,687 11 15,687 11 15,697 11 15,687 11 15,697 11 15,687 11 15,697 11 15,6

boat Britannia. have to consider employ:
The boat was found adrift our own security guard: some miles south of Ayr and look after the hoats, especia towed back by a coaster. ly over the weekend. youths would be appearant

Troon lifeboat later picked up Britannia's inflatable liferaft.

A DEMAND for increased "The fish quay at Ast

partnet

pair trawling agents, h E. Richardson & Co. Lik E. Richardson & Ch.
has announced a get
partner for its multpurpose Glenda (Biggs
Francois Wintsin).
She has tonmed with
the pair trawler Paul &
the pair trawler Paul &

as a whole.

Young's is offering its workers jobs at its other factories in Lerwick, but few are likely to make the move from their island home.

**THE Newington Co. stern trawler Hammond Innes retains her 24-year lead in the Hull Distant Water Challenge Shield Competition.

She looked like dropping strong grip.

She looked like to point out that he lull and superstructure was built in Holland by the Hakwort yard. Fitting out was completed by BIM's carry out an investigation into the fishing industry in the fishing industry in the like at point out an investigation into the fishing industry in the like at point out that the score was built in Holland by the Hakwort yard. Fitting out was completed by BIM's carry out an investigation into the fishing industry in the fishing industry in the like at point out that the body makes.

Walter Clegg, MP for North Fylde, said: "I am and hope that the Government are third place, and 2,200 points ahead of the new pacemaker, Body's Arctic Cacalier, up from sixth to second.

Hamling's St. Dominic, which finished lith last year, with finished lith last year, with finished lith last year, with finished lith last year.

If any we hick lost in the hull and superstructure was built in Holland by the halk as persentatives from the interwine was built in Holland by the Hakwort year. Fitting out oarry out an investigation into the fishing industry in the latest lead of Resolution and the hull and superstructure was built in Holland by the London - may not have fallen on completely sent oarry out an investigation into the fishing industry in the latest lead of Resolution and the hull and superstructure was built in Holland by the committee of MPs Is to carry out an investigation into the fishing industry in the latest lead of Resolution and the hull and superstructure was built in Holland by the committee of MPs Is to carry out an

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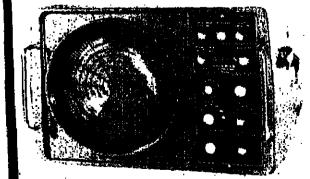
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Two hurt Two Fleetwood collide two fishermen were injured this week when the Seahouses-based Fidelis and the Peterhead-based Univale were in collision in thick mist.

The vessels were fishing off Be ad ness. on the Northumberland coast, when the accident happened.

The vessels were fishing off Be ad ness. on the Northumberland coast, when the accident happened.

the accident happened.
The 64ft, Fidelis limped FLEETWOOD'S stern stern trawler Luncda ed 1,244 kits making 30577

kits of haddock which averag-

back to harbour where pumping was carried out by a Seahouses fire-unit. Usievale returned to Peterhead for repairs.

Skipper Jack Dawson and crewman. Ken Swanston.

Skipper Jack Dawson and crewman. Ken Swanston.

FLEETWOOD'S stern stern trawler Luncda (Skipper Bill Reader). This vessel also worked Iceland and returned with 1,806 kits, including 1,050 of cod, 100 of haddocks, 500 of coley and 30 of reds, which sold for skipper Bill Reader). This provided the bulk of midb water supplies. The outus including 1,050 of cod, 100 of haddocks, 500 of coley and 30 of reds, which sold for Skipper Tom Christy is Skipper Tom Christy is

Skipper Jack Dawson and crewman, Ken Swanston, received medical treatment.

BUT's Kingston Amber (Skipper Bernard Birley, Skipper Monday for 2,036 at Hull on Monday for 2,036 kits. The catch included 186 kits of haddock which averag-

Also in the money was the Boston Explorer which land-

Idena's sister-ship Armana, also worked Rockell Skipper John Burns brough the vessel back to port all 10 days with 816 kits, it luding SOO of haddock



Nationa (Skipper Tom Wason) did not fare quite as wil us the others. She landed & kits, including 550 of his docks, which sold for £10,25

It was not only the see t the Rock. Wyre Defend (Skipper Dick Farrer) reluc ed from the area with & kits, including more than a of haddocks, which sold !:

On the sume day there we very different fortues is first landing at the port most being purchased from

Seiner record goes again ... and again GRIMSBY'S port seiner grip on the record was record was smashed twice on Monday when Hewson's Veralla topped Hewson's Veralla topped Hewson's Veralla topped her with £10,602 from Bojen) and Veralla 331 kits after 13 days at (Skipper "Bebbe" Clesen) sea. (Skipper "Bebbe" Clesen) sea. (Skipper "Bebbe" Clesen) A FINE of \$625,000 Perth and Kirriemuir.

Visholme in Suroman

Bob Sinclair)
nice mixed trip of trawlers were solved trawlers were solved trawlers were this way

south-west mackerel

THE Grimsby seiner Alatna (Skipper John Abbott) didn't put a big catch she made last week on sale at the daily fish auctions. signed by health officers of import control by the French, ting a dangerous precedent. For the 48-ton seiner had been on charter to the Ministry of district councils or port he added. For the 48-ton seiner had been on charter to the Ministry of Defence and her quarry was the wreckage of an RAF Phantom jet fighter which ditched off the Lincolnshire coast on July 23. Alatna was given the approximate position and, after several days of sweeping the area with her nets, finally located the wreckage. The Admiralty mooring and salvage vessel Goosander later recovered the wreckage with her heavy lifting gear and brought it into Grimsby (see above) last week. The fighter's two-man crew had ejected before the plane crashed into the sea efter developing a fault.

In the added.

Criticising the short time given to the scheme organised, Mr. Beekon said his federation had been trying to get things deferred, so that they will require the there would be more time to bring in the process. He also that they will require assistance and for details of the french lave been advised to contact given to the scheme organised. Mr. Beekon said his federation had been trying to get things deferred, so that they will require the cost out on shellfish there would be more time to bring in the process. He also the procedures to be followed. The whole thing smacks getting certificates issued to the short time federation had been trying to get things deferred, so that they will require assistance and for details of the reconting obvious the alth officers. Exporters the scheme organised to the scheme organised. Mr. Beekon said his get things deferred, so that it is now essential to legislation. Plymouth's membership strength. We already have over 70 per cent that they will require assistance and for details of the recond the scheme organised to the

Philippin and POs left to sort out PRODUCER Organisations have been asked to put up suggestions to the Ministry of Agriculture, Fisheries and Food for the

organisation of the what the POs

Ticket to export

The threat to mackerel liners — is in danger of comfishing was underlined last ing to an end.

And he adds that on top of this threat to sort out launched by the South bloc fishing vessels working recently reported that France marketing problems which occured last winter when Scottish purse seiners and Hull trawlers operated on the grounds.

The threat to mackerel liners — is in danger of coming big business."

And he adds that on top of this that Lloyd's List has recently reported that France intends to declare a 200-mile exclusive zone, laying claims to fishing and mineral rights with it.

with. boats — especially hand- jeopardy — Cornish mackerel The threat to mackerel liners — is in danger of com- is becoming big business."

rounds.

estimated 1,600 fishing boat ingup to the three-mile limit. "The implications are obNo real progress appears to crews and skippers in the He warns: "They are large, vious and very serious," he have been made in the talks region.

super-fishing units, capable continues in his letter to and prospects for further

Secretary, Ian Lindley, is of annihilating the entire fish fishermen. He urges them not meetings seem to depend on worried that the flourishing stock. Your major Continento shrug their shoulders and say: 'It was good while it lasted'. Instead, they should band together and fight.

Mr. Lindley says the only Covernment level is through the Fisheries Organization

Figh Exports to be autocratic nonsense and frame will have to be will be yet another burden on the fishing exporting industry." Ken Beekon, from August 28. This follows a new set of rules, drawn up by the French, which first came to light in March this year.

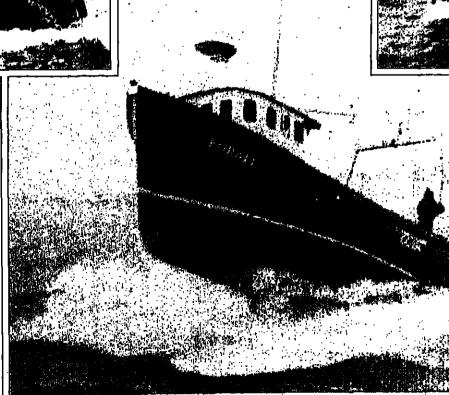
Certificates will have to be signed by health officers of import control by the French. strength," he adds.

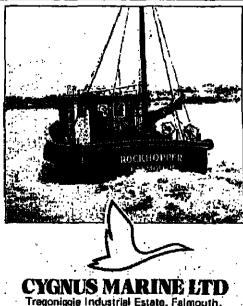
"It is becoming obvious

The GM Range of hulls & complete boats.

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Bojen) and Veralia 331 kits after 18 days at (Skipper "Bebbe" Olesen) sea.

(Skipper "Bebbe" Olesen) turned in the port's first ever five figure seiner grossings. Prices were sky high.

A FINE of \$625,000 Perth and Kirriemuir.

Agented by Consolidated Fisheries, Bekimaei (which held the record for a week in June) grossed £10,547 from 280 kits after a 16-day trip.

This time, however, her

Bojen) and Veralia 331 kits after 18 days at (above) recently had a days' coach outing to Perth and Kirriemuir.

A FINE of \$625,000 Perth and

THERE were the first signs of a fish famine at Grimsby last week as most vessels returned to port with lighter catches traditionally associated with the "August gap".

Supplies, especially few coley was too good for the owards the weekend, were other eight distant waters.

£43,280 from codstuffs and a had made fishing difficult. from few coley was too good for the Lindsey Trawler's Lepanto fish.

towards the weekend, were only moderate, but the exceptional demand of late was maintained and another spate of hefty grossings was made by most vessels.

Merchants reported no letup in the high quayside prices and cod in one reported instance on the same day and cod in one reported instance rose to 244 per 10-atone kit, although more realistic prices for cod were on the 230 mark.

Plaice, too, sold very keenly and another isolated sale when these came under the changed hands at 250 per kit.

Skipper Roy, Kurz, in of redfish, remained unsold, but is a salesman's haminer, 264 kits on August 3 was notable for the changed hands at 250 per kit.

Skipper Roy, Kurz, in of redfish, remained unsold, week's top trip, of 1630 kits grossing.

Interval of the exceptional demand of late was been eight distant waters.

(Skipper Bob Sinclair) produced nice mixed trip of trawler's Lepanto (Skipper Tom Smith) put in a good performance on the same day which was a very creditable show for the 117 footer.

As usual the battle for top spot lay between BUT and the Taylor fleet with an early grossing of £19,904 from 897.

Kits by BUT's Ross Civet (Skipper Alan Redpath) heading the rest.

White Sea and Norway Coast Charles and the market on August 3 was notable for the absence of any local the first time this has happen in landing the rest in the sense of any local the first time this has happen in landing the rest in the sense condition of the first time this has happen in landing the rest in the sense condition of the first time this has happen in landing the rest in the sense condition of the first time this has happen in landing the rest in the sense condition of the first time this has happen in landing the rest in the sense condition of the first of the sense condition of the first

(Skipper

Visholme in Suroman with fill week's top tripper with fill from 248 kits among the seiners, while the Sleight part is seiners, while the seiners is seiners in the seiners is seiners. The seiners is seiners in the seiners is seiners in the se

August 13, 1976

PET COST **SKIPPER** £200 FINE

A MONGREL dog named Max, pet of the crew of the Farcese fishing boat Geyti Reydi, cost the skipper a fine of £200 at Aberdeen last week.

The skipper, Martin Gothe (27) of Gota, Faroe, admitted at Aberdeen Sheriff Court breaking the Rabies Order (1974), which makes it an afference to have had the dog on iffence to have had the dog on

offined to nave nad the dog "securely confined in an enclosed part of the vessel from which it could not secape."

It was stated in court that the skipper told police he had been at Fraserburgh several times with the dog and had been told just to keep him from going ashore.

Sheriff Morris Rose slapped on the maximum fine despite being told that the dog was tied up on board ship and would have had to make a 20ft. jump to get to the quay.

KEITH GUNN (25), a gritty no-nonsense gritty

Success over the last ten years in providing a specialist contract service in Glass Reinforced Plastics to many major boat builders in the West Country has

resulted in the formation of a new company based at

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Dory," one of which is being used for inshore survey-

All these mouldings can be supplied in any stage of

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vices together with a brokerage service

construction by our team of experienced shipwrights and craftsmen, working with approved materials, also

boat built by these methods.

ing for the Hydrographic office.

He sees a much more efficient set-up with the officers first command.

and a young man's industry deckhand for several year

if they're prepared to work mate's ticket. He passed in hard and dedicate full skipper's ticket and themselves. Grimsby has the this year. finest college anywhere for He is married with a you, study."

Keith Gunn is mats da/ 🏨

middle water vessels. It moved to H. L. Taylor, was "Anyone can get to the top he secured his third-handar

Rose of Sharon's deck was already awash as the crew Correction

from Northumberland I would like to reply to the letter from Mr. A. C. Dobbin who wrote on behalf of skin divers (Fishing News, July

divers who explore wrecks for bin so desperately tries to the pleasure, but this "Code of vey. conduct" he wrote about does He mentions spending not apply this for north.

tow and patrol the fleet from one end to the other.

When we haul a fleet of parlous not constant and a fleet of

stories which appeared in our columns this week 50 vears ago.

AUGUST 14, 1926 HELLYER Bros. of Hull sends parent ship with refrigerating plant on trial trip to Greenland. The ship will lay off the coast while a score of motor craft hunt the grounds for prime fish.

MORAY Firth fishermen leave Scotland to fish the herring off the Isle of Man for the first time. They will land catches on the Irish coast.

ITALIAN company plans to set up trawling station at Skaalefjord, Faroe Islands,

WICK trustees call on the Government to develop the port into a national harbour. It is now the premier herring port on the coast of th grounds for prime fish.

LETTER

which arrived at Anstruther last week has not been purchased by the Scottish Fisheries Museum, as stated

The money for the vessel was ruised by the North-East Fife District Council, which plans

to put her on show to the public at Anstruther.

ARE TOO LONG,

week: "This has come as a blow. We had decided that a long lay-off was no good for the industry. Now the Government comes up with this. We had a shortish holiday scheduled—now it could be a longer lay-off than ever. "From Friday, December problems over the sallings of there are just two working days available—back to normal.

a ccept these holidays. I have weeked to help the company export mainly to France, Germany and Spain.

The evidence given at the inquiries will be reported to the Minister for Agriculture and Fisheries, Mr Clinton, by holidays also created large problems over the sallings of there are just two working period before the port got back to normal.

fishermen escaped, by the skin of their teeth.

adrift for almost two hours in aboard the Lochinver lifeboat

FISHING NEWS

the skin of their teeth, when the 25-ton trawler Rose of Sharon virtually sank from under them last week.

Skipper Ed Phimister (26) sent out a Mayday on the Thursday. They had run aground in thick mist on the rocky islet of Am Baig, 10 miles SW of Cape Wrath.

Rose of Sharon's deck was a near-gale.

Two vessels which played a the 5.37 am.

Rose of Sharon, although registered A104, was based at Buckie. She had been fishing out of Lochinver and was returning eastward when the accident happened.

The five men who escaped the sinking boat with only a few minutes to spare are all very young; the youngest, 16-

At about the same time, another vessel spotted Skipper Phimister's flares and went to the rescue; and went to the former side transles. We young: the youngest, 16-year-old Raymond Burgess, had only been three weeks at sea after leaving school this summer. Other members of was the former side-trawler the crew were: George Cowie Maretta, now on oil-rig stand-by duty. THE North Carr Lightship by duty.

Crew jumps

for raft as

deck floods

which arrived at Anstruther last week has not been purchased by the Scottish Fisheries Museum, as stated in Fishing News on August 6. The money for the vessel was

Skipper Hadgraft said the fishermen were "a little bit shocked, but in quite good spirits." They gave them hot

PLAN FOR

2750,000

which will help badly-off areas from Galway to body, Gaeltarra Eireann, Beirtreach Teoranta.

FLEETWOOD fishing industry's Christmas plans and Thursday, December 30.
have been hit by the We have to decide whether in
Government's approach with long break sither

Government's announcement of two extra days holiday during the period.

Last year, as an experiment, the port's industry closed before Christmas and did not re-open until after the not to."

We have to decide whether in the plan were announced at public inquiries in Connemara, Mayo and Donegal recently.

The inquiries were held by the port's industry can afford closed before Christmas and state the industry can afford the plan were announced at public inquiries in Connemara, Mayo and Donegal recently.

The inquiries were held by the plan were announced at public inquiries in Connemara, Mayo and Donegal recently.

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The inquiries were held by the plan were announced at public inquiries in Connemara, Mayo and Donegal recently.

The inquiries were held by the province and plan were announced at public inquiries in Connemara, Mayo and Donegal recently. did not re-open until after the not to."

Geoff Anderson, president Beirtreach Teoranta for a Geoff Anderson, president fisheries order for fish farms

Owners and merchants met and agreed that, in the present economic situation, it was not realistic to close for this period and plans were made for a shorter break. But now comes the Government plans for holidays on Tuesday, December 28, and Monday, January 3, 1977.

Peter Hewett, president of the Fleetwood Fishing Vessel Owners' Association, said:

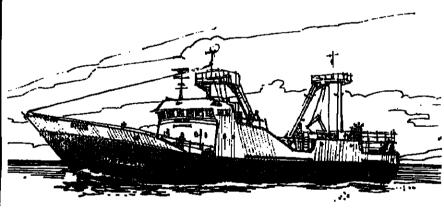
"We had hoped to be open longer over the holiday period. People clamoured for fish last year when we were closed. They were fed up with turkey and pork and wanted a change.

"In fact there has been a high demand for fish at that time for the last three years. Owners' Association, said:

"In fact there has been a high demand for fish at that time for the last three years. We have no option but to accept these holidays. I have no doubts at all that we will export mainly to France, Ger-

MISSION GIVES UP THE NEW fishermen's mission at Mallaig would not be going up but for the support of the Highlands and Islands Development This was stated in Aberland Sir Charles Madden, chair Mission to Deep Sea Mallain to Deep Sea Thermen, the said the era of meat and two veg at any time you care to ask for it has given way to what you could describe as pub food, which does not need the board is building the mission and leasing it to the mission and leasing it to

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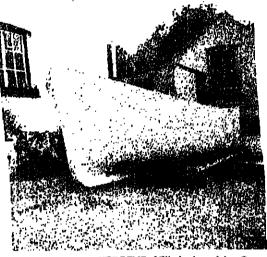
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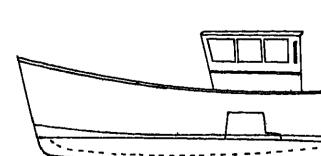
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carrying capacity of most 17 footers. Specification of Overall length 15' 6" Waterline 15' Beam 6' 6" Transom 4" 7"

Draught 1' 6"



SEE US AT STAND 37

'is ignored

Professional shell fishermen therefore, the much different opinion of with the no desire to interfere with divers to that which Mr. 02 divers to that which Mr. 02

not apply this far north. whole weekend replied in the flaterness who which for a flaterness is descend on the fishing villages crew of the inshore resu of Seahouses and Boadhell, here are on stand-by duty and the two miles of coast weekend for anyone in the between, every weekend from at sea. Quite often that got May to September have no to divers. scruples or difficulty in After a recent delight atching and landing lobsters. dent in this area, what will

Some are not particular at the inquest was it whether the lobater is inside or rovealing: "When his body outside the pot. A favourite recovered three days had trick is to moor their craft to was still holding a lobster floats, descend the end lobsters and a metal lob

pariour pots on a Monday morning following a weekend of diving a collection activity and activities activities

ning following a weekend of bie to somewhat diving sotivity and find the W. P. LAIDLER. traps empty and the doors left Seahouses. open, it doesn't need two Northumberland

years ag

out whether I can use them suitable for anyone in your pletion as fishing bouts have success? It to sheath my old position as they explain the been moulded to his designs. successf by to sheath my old position as they explain the boat. If t can, I might then buy a larger GRP hull to

materials for sheathing a boat functions. structions for completing a hull as a fishing boat."

vour boat from a firm called well as how to do it.

Martins Plastics which stocks Martins Plastics is not everything necessary for this merely a supplier of materials It was written a few years and bonding an open deck

heat -- chopped strand mat, woven rovings, tissues and "I should be grateful if you serim cloth; resins, catalysts, able to provide expert could tell me firstly where I primers, non-tack additives, answers to them. etc. — as well as their various

"I WANT to experiment purpose at 43 Sprowston used for GRP hull moulding with GRP boat building Road, Norwich." The instructions ob- is a Naval Architect and First of all I want to find tainable from this firm are several bulls suitable for com-

> queries about the best way to ago by Mr. M. P. Challis, moulding to the hull, and in sheath your boat, he will be proprietor of the structions for titing wood were Prototanks. They as able to provide expert Monachorum Manufacturing decks and superstructures, made by inserting a flesh

periment prove successful Plymstock, Plymouth. the job of completing a larger hull. I should get a booklet firm's Plymouth Pilot hulls They are based on the explanation in the structions for completing the tings, ballast and buoyancy. You then insert and the property of the property o You could get instructions and all the materials tand why it is best to form a you will need for sheathing laminate in a certain way as your boat from a firm called well as how to do it.

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Saltram hulls, Every scrap of formed. Laformation in the booklet

> value to you. So explicit is this information has agents in the UKtion that it enabled three Cor- perhaps because rubber he nish fishermen, otherwise un tanks, which serve the 1822 aided, to complete 2.110, purpose as Prototally at Saltram hulls successfully are ample to install, areas ast year - one of them to available here. WFA requirements.

Magacharum for 9ap should get specifications and illustrations of Plymonth rubber impervious to de-Pilot and Saltram hulls as offer petrol and are profitwell. It could be that one of with fittings for filling he them might suit your pur- and fuel pump connected

"DO YOU know of any way of ridding plastic jerrycans of weed?

The two I use for water have been in the sun a lot this summer and their insides are covered with a sort of stimy deck of a fishing vesse, it d

about a third full with water, areas such as the ope add some clean sand to it and shake them thoroughly, the sand will loosen a certain amount of the weed so that by brush instead of festimes rou can rinse it out,

But this is a laborious process and does not stop the remaining bits of weed from

A far more effective method is to fill the cans let them stand overnight and with both copper in Milton sterilising fluid to it, hen shake and rinse them galvanised

Milton, even in weak "Which would it solutions, not only kills the to have — to prevent gar weed, but sterilises the inside action and corresion are the state of of the cans and deters weed positive or a negative to

from forming again.

Milton sterilising fluid is marketed by the Consumer Products Division, Richardson-Merrell Ltd. 20 Products Division, hetter to return system.
Richardson-Merrell Ltd., 20
Savile Row, London WI, and is obtainable from any chemist.

The system of the control of the contro

B IF YOU have any questions about boats, equipment, geer or methods, John Burgess is always propared to the shid enswer them it, they are sent with a stamped, ad-freehald envelope for rably.

"SOME while ago me described un America method of making nylon/neoprene fuel tash to conform to the speci nyailable.

'Is it possible to se nesternals and instructions making this type of tankin

■ The tanks I describe Co, which moulds 16-24ft, keels and hilge keels, bulk nylon (einforced, as Should your sheathing experiment prove successful Plymstock, Plymouth.

Should your sheathing experiment prove successful Plymstock, Plymouth.

Should your sheathing experiment prove successful Plymstock, Plymouth. thwarts and rudder, metal lite foam plastic into it.

> perience gained by torce the loam up the Monachorum and other hoat between the two hars at builders who have completed heave the foam to harden was 16ft, and 18ft. Pilot and 24ft. a rigid tank about lin. bid? I don't think the

sill, therefore, be of practical Protomarine Inc., involuand supplier of the materix

WFA requirements.

If you get a copy of the booklet — obtainable from the space you want them.

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fustenings. Which would it he beds

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ANY

QUESTIONS?

If you have any questions about boats, equipment; gear or methods, John durgosis is allways prepared to thy spid answer them if they are sent with a stemped; additionally in the present entry of the hull them to the hull.

Make a fuel tank a

- Annual Control of the Control of t

A review of fishing in Devon and Cornwall

WITH THE WINTER mackerel season approaching, the big question facing fishermen in Devon and Cornwall is not how much can be caught, but how much can be sold? Although the upward trend in catches and earnings has been maintained, fears are now widespread that the progress that has been made — mainly as a result of the mackerel fishing — is threatened by an invasion of stranger boats on the grounds.

Last winter, south-west fishermen had their first taste of high capacity Scottish vessels hitting the mackerel and over supplying the market. All the hard negotiated contracts with foreign customers became worthless as overseas 🛶 🐃 buyers found themselves able to get mackerel at prices lower than they had ever anticipated. This winter, it is going to be difficult to pin anybody down to a contract price.

As rumours of a threatened invasion by Scottish purse seiners, plus middle and distant water trawlers from Humberside, grow, the hundreds of small line crews know that this can only mean one thing - a price war in which the only winner will be the processor.

With discussions underway on next season's prices, some line fishermen have already been told to expect no more than 40p a stone — all in! Many oats were sold last year when mackerel was fetching 50p a stone, and if present forecasts prove correct then boats could go out of business in droves. So this is the grim situation for West Country fishermen, but what is being done about

With only about six weeks to go before the mackerel are ex-pected to start shouling off the Cornish coast, the Ministry of Agriculture, Fisheries and ood has tried to take some of the heat out of the situation by back to the Government. The calling representatives of torth and south fishermen

So far, this action has been nothing more than a charade. When the second meeting croke up this week, many industry representatives came over the mackerel situation.

been launched with two last year. Ministers in attendance, it scon became clear that Ministry officials were not prepared to take a lead in deciding on a course of action. Now the buck' has been passed back to the industry, which has lamely been invited to come up with suggestions to control lan-

Ministry hopes seem to centre on Producer Organisations heing able to reach some compromise. As far as Scotland is concerned this looks a pretty vain hope. While Scottish disherman are houses to close shermen are having to close down their own herring fishery for parts of the year and forced to adhere to restrictive white fish quotas — which they see being ignored by foreign vessels — they will feel justified in working their boats where they was aff the where they can to pay off the huge investments involved.
What also seems to have



the Scottish registered purse seiners working in Devon and Cornwall were not members of

For English deepsea trawlers displaced from the Icelandic there can be no fair method of grounds the temptation to move into the mackerel will also be difficult to resist. Basically, the problem traces

'mackerel war', as it has been termed, is just a manifestation

away even more despondent speciality of the south-west. This was markets available — with some vessels make for the beds with one of the first fisheries to feel the preference for local fishermen.

little to do with him, he is now at the part before moving off recently finding out otherwise.

While massive East Euroscallop beds provided a timely pean factory ships scoop up mackerel just outside the limit, Island and eastward to limiting the way in which UK vessels operate; but lessons Portland. are there to be learned for the Areas of scalloping operations are being extended all the time and not only has day when the UK does have wider limits.

The proposed 35-miles off this been a boost for the the south-west coast will make fishermen, it has also stopped of the restrictive deals that have been negotiated on behalf of British fisherman though the Cornish fisherman to British fisherman to British fisherman though the Cornish fisherman to British fish will be to introduce a strict system of licentary line of the scullop over this fish will be to introduce a strict system of licentary line over the scull problems. The usually slack can be appeared by the south-west. This was also stopped to British fishing. The only way out of business.

The success of the scallop fishery has brought its own problems. The usually slack can be appeared by the scale with some the body with the scallop fishers. But first, this ·quota system.

> Last year, mackerel landings in the south-west ports continued their spectacular advance, reaching a record 80,450 tons. This was almost 10,000 tons up on previous years, and the value advanced to £1.6m. While mackerel dominated

south-west landings, it was demorsal fish which contributed most to earnings. The demersal catch reached almost \$2m. with soles the biggest single species earner at

Shellfish value was also on a level with mackerel at £1.6m,, crabs contributing £680,000 and scallops £87,000.

For many of the trawlers which were forced to give up mackerel fishing when the bottom dropped out of the market, the appearance of some prolific

the results that stocks have 'thinned' and the size of the scallops being landed is giving some cause for concern. This has led to both the Devon and Cornwall Sea Fisheries Committees pushing for a minimum size regulation on scallops. A 4in. minimum has been suggested. Another area in which the

Sea Fisheries committees has been active, is in trying to curb the activities of skin divers. The Devon Committee is now calling for legislation to control divers on the South Devon coast, where they have been causing havoc among the shell-

The south-west is about to enter its most crucial winter fishery of modern times. Rumours are rife about the strength of the onslaught that can be expected on the mackerel by vessels from the north. Fortunately, this week some Scottish purse seiners have struck very heavy mackerel fishing off Shetland. if this continues, then the threat to south-west mackerel might be contained.

What should be remembered, is that no Scottish skipper, out of choice, wants to forsake herring fishing and sail 700 miles south for mackerel. But like all other UK fishermen, he now has to keep his boat working if he wants to live.

Unless the Government can now give a lead, it could well have on its hands a confrontation between fishermen which could prove very bitter and damaging.

Sadly, no real progress has been made since the mackerel listurbances last winter and it is ironic to bear forecasts of Plymouth taking over as top port in the south-west from Newlyn . . . if the visitors

This could prove to be the most dubious fishing honour of

MACKEREL LANDINGS IN THE SOUTH-WEST (1970-75) 188,499 265,046

The 140ft Grimsby side trawler *Real Madrid* fitting out with a net drum. She is

alternative. The beds have

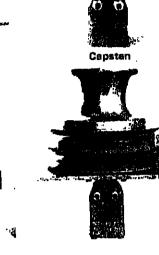
been scattered over a wide area as far westward as Looe



ing and have had some

good results.





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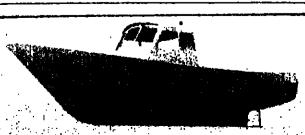
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TOUGH ON CREWS and expensive on gear, Scottish flydragging is not an easy method of fishing. Despite these fishing. Despite these difficulties, two Devon boats have pressed on with this style of seining and have had some

First into the field last year was Skipper Fred Ivey of Plymouth with sight, but what makes two now operating distinctive is that Atlantis. He has since been they have Scottish seine net gear on board. GLORIA followed by the Brixham. based Constant Friend under the command of Tony Rae. The Brixham boat based at Plymouth and Brixham.

has now gone one stage further and had rope seining from Brixham last November and, although her A former Peterhead seine new skipper and crew are still finding their way with it, they netter, Constant Friend was bought last year by Harold have had encouraging results and Kier Sims, who have long been involved with the sea sion to work the gear. and boats, after they had seen ther advertised for sale in Fishing News. The new in the freshest condition.

For much of the time they owners asked Skipper Tony Rae, who had just come home from the West Indies, to take from the West Indies, to take command of the boat, and steam from home and have Harold Sims is sailing as a found whiting they have member of her crew.

Built in 1955 at the Peterhead vard of Richard Irvin and Sons Ltd., the 73ft. Constant Friend is a typical example of the larger type of wooden cruiser-sterned boat to come from Scottish builders in the 1950s.

At other times they have worked grounds 15 to 20 miles south of the Eddystone, where lemon soles have formed the bulk of the catch.

The size of catches has, of course varied, but hauls of 40 to 50 kits a day have been made.

builders in the 1950s. With a beam of 19ft, 6in., During February the boat she is one of a series of larger grossed £1,700 for one week's craft built by the Irvin yard in the 1950s and artists and a stone of larger resolutions. designed for seine netting, stone of red mullet caught in herring drifting or great line just a few hours off the Ed-

Like her sister-ships she Early in July the boat has rather lean and spare made an 18-hour steam to lines and is greatly admired grounds south of the Wolf ly modernised in 1970 when Fish had appeared to be more she was fitted with a Gardner plentiful on grounds that 230hs appeared to be more plentiful on grounds that the concerning the she was fitted with a Gardner plentiful on grounds that the concerning the con 230hp engine and a new were unsuitable for the scine

230hp engine and whaleback, net.
deckhouse and whaleback, net.
Skipper Rae told Fishing News that the main advan-tage of the seine net is that it

She is the only vessel work-ing the seine net from Brix-number of fasteners which in-whiting. ham, although Skipper Rae clude debris from two world

skipper, Tony Rae. Previously he fished with a beam trawler Fasteners are even which have made life easier sometimes found to have for her crew.

Constant Friend's owner, Harold Sims, (left) with the bost's

changed position, probably shifted around unknowingly by scallop dredgers. Skipper Rae said that the poor grounds could easily prevent any large scale a crew of five, it had been to

lines and is greatly admired grounds south of the Wolf development of seining in the for her attractive appearance. Rock in search of haddock area. He hastened to point out She was formerly owned by and hake but this proved distributed by and hake but this proved distributed appointing and yielded only travers and scallopers were specified by the skippers of local travers and scallopers were that the skippers of local most helpful and sympathetic

Another problem was presented by the strong tides in the Channel and during spring tides it was catches top quality fish which necessary to use a small meets keen demand from the anchor for the dalm when set-Her new owners decided to take her flydragging seine the disadvantages.

He said that there are a powered for trawling and number of difficulties in although they had modified the growing suitable although they had modified they are not that they are not they are not they are not the not they are not they already had a quantity of working seine net gear in the the ground gear so that they seine net gear on board.

English Channel. Chief could catch the bottom fish as well as the higher swimming

The nets are of two seam understands that it was tried for a short time about 12 years ago but for various reasons was not continued.

Constant Friend began clude debris from two world wars in addition to numerous at the wings and a fishing the wars in addition to numerous design and have 6 in. meshes at the wings and a fishing the wars of the Data the wings and a fishing circle of 480 x 6 in. meshes at the wings and a fishing the wars of two seam design and have 6 in. meshes at the wings and a fishing circle of 480 x 6 in. meshes at the wings at the wings and a fishing circle of 480 x 6 in. meshes at the wi

A two-drum system of tope storage reels from the Lossie Hydraulie Company Falkirk have been fitted and can be controlled from the As the boat only works with

They were causing less wear

on the ropes and also they

limil the gear more quickly.
The reels were fitted in

part of a general overhaul and refit carried out by Philip and Son Ltd. of Dartmouth. Each rool carried 10 collect

24 in. ropes although they could hold 12.

arduous for them to be continually heaving coils of mp armind on deck in addition lot of sense to fit the reels they saved the crew a lot of work, and wore also safet

Skipper Ivey said the two using the same nets that she scots had offered to do this brought from Lossiemouth, and had proved to be very new ropes at a cost of about 180 a coil have had to be

Atlantis is powered by a all with a larger crew, main-Gardner 152 hp engine and tains Fred Ivey.

Atlantis uses 24 in. Toughs

ing and icing area. Here, one scrape a living. The recent man packs the fish in ice in hot weather was making shallow three-stone Allibert the fish lazy and scattered plastic hoxes ready for stow- and scarcer than last year.

Although they are catching

washer.

Another interesting point is that is has a higher catch the design of the fishroom hatch. It is fitted on special hinges so that it can slide at sea than a trawler and can

open and shut or can be openod vertically.

All-in-all, Skipper Rae and
the boat's owners are pleased
that they decided to work the
that they decided to work the
taken than a trawier and can
come home every night.

The big drawback is the
bard work incurred by the
crew who have to cope with
handling the ropes and gutseine net gear. They feel that ting the catches. To make a gutting shelter would be things ensier for them another useful addition as it Skipper Ivey has bought a would help to keep the fish in secondhand Shetland gutting even better condition. The excellent quality of catches is seen as the main asset of a seine net boat.

It is now about 15 months

It is now about 15 months

since Skipper Fred Ivey, of light enough models were Plymouth, began working the available, then the boat could flydragging seine net. He had possible manage to work with decided to go seining after he a crew of four. had bought the former A set of 200 plastic boxes Lossiemouth boat Atlantis, has also just been bought for which was already equipped the boat.

with the gear.

The boat's former skipper

and part-owner James
Stewart, together with his
mate, James Souter, came
down to Plumenth for the boat.

Skipper Ivey says these are
a good buy as they keep the
lish in excellent condition,
are easy to clean, and stack
inside one another when empmate, James Souter, came down to Plymouth for a short while to help her new owner to get accustomed to working the man. The high cost of seine net however. Although the boat is however. Although the boat is

good teachers.

Built in 1956 by Jones
Buckie Shipyard, the 63 ft.

Atlanta proved to be very new ropes at a cost of about 180 a coil have had to be bought. It would be impossible the make seining pay at

ly driven seine net winch and a Rapp hydraulic power block. She is a typical example of a Scottish wooden the fish are bunched up and

cruiser-sterned seine net swimming in shallower water. boat.

Working with a crew of five, she fishes mainly in the Ed
Scottish wooden the handle are bunched up and swimming in shallower water. Skipper Ivey told Fishing News that he was 'more than pleased' with the handling

centre of the table where they are sprayed with water from the deck wash pump. Rubber flaps in the washer prevent the fish sliding out before they are thoroughly washed. From the washer they slide down a chute and through an ice scuttle into the fishroom. Another chute under the ice Another chute under the ice Since Christmas, however, always did their best to keep scuttle directs fish to the box-they had just managed to clear. He thinks that the difficulties in finding crews will prevent the seine net coming

Plymouth fleet. Skipper Ivey's three sons shallow boxes allow quite a few tlattish just now, are also fishermen. One of the fish to be displayed on the they are only managing to them works aboard Atlantis market without being dis- land eight to ten boxes a day, while the other two work the

into general use in the

Skipper Ivey thinks that the 50 ft. boat Bruno of Sutton. fish will got thicker again This boat tried seine net-

Design of the chutes is such that no water gets down into the fish room from the fish

The main advantage of the

of the boat is the gutting table and fish washer fitted forward of the deckhouse; this was designed jointly by Skipper Rae and his crew.

After gutting, the fish are placed in the washer in the contract of the table where they in the contract of the table where they in the gear and would single the gear and would in the contract of the table where they in the gear and would in the contract of the table where they in the gear and would in the contract of the table where they in the gear and would in the contract of the table where they in the gear and would in the contract of the table where they in the gear and would in the contract of the table where they in the contract of the table where the contra

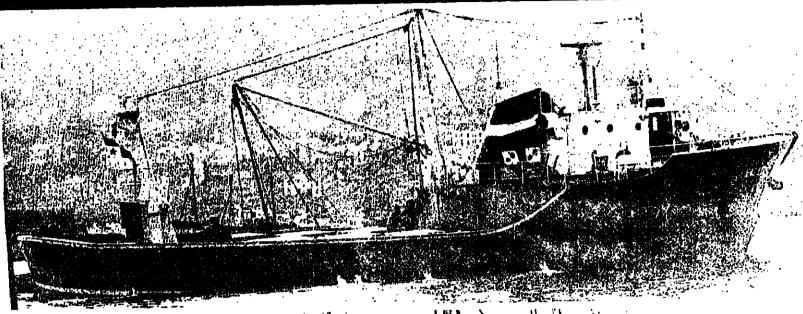
Nobbing Machines

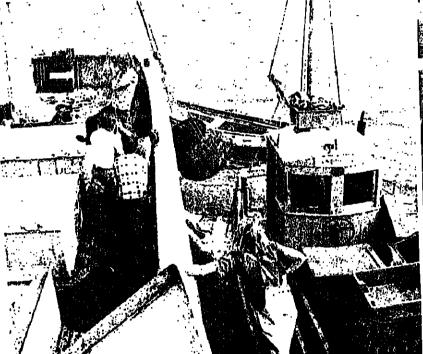


BAADER has developped a new system for nobbling. Fish of different quality are exactly processed with a high output, up to 350 fish/min.

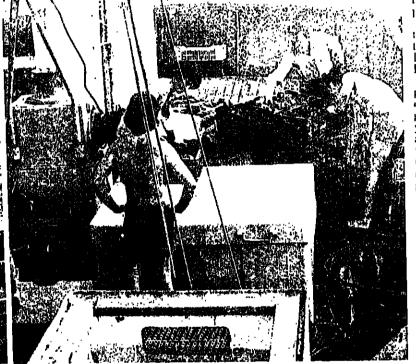
The BAADER head length control well proven at BAADER filleting machines guarantees a most meat saving heading cut. New-styled scissors separate head and back bone, but not the guts. The contral rollers of the nobbing tools smoothly grasp the guts without a jerk or tearing in spite of high speed. The machine is of course equipped with a fail fin outler and with a device outling the lish to length. The BAADER 465 can easily be operated and maintained. BAADER nobbing machines are again another step towards the future.

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Top: The Spanish-operated well boat Natali in the River Dart. A former tuna boat, she has been converted at a cost of £100,000 for her new carrier role. Above left: Crabs kept alive in sea cages are hauled aboard Natali from the small boat Sapphire. Above: Once aboard the crabs are packed in plastic boxes by the crew, who handle tons of live shellfish each trip. Left: Consignments to Natali are carefully weighed aboard — part of a policy which includes paying good prices to ensure top quality shellfish and maximum loads. Below: *Natali* dwarfs two catcher boats in the Dart. Bottom left: Inside one of the multi-level live fish

fishery for edible crabe is the most important of its kind in the British

Operating from the ports of Brixham, Kingswear (Dar-mouth), Salcombe, Plymouth and Paignton is a fleet of modern, well-equipped, boats catching large quantities of crabs in the relatively small area between Borry Head and 🤚 the Eddystone Rocks.

Vessels are from 30-50it in length and mostly skipperowned. They fish up to 35 miles offshore, baiting and shooting some 300 to 400 large inkwell pots each day and landing between 1,000 5,000lb. of crab.

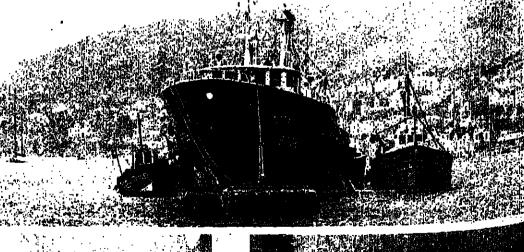
The catches are processed at several plants in the area and this provides valuable employment for a large number of shore-based peo-

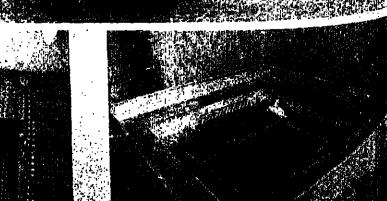
The majority of boats in this fishery are based at the three main ports of Plymouth, Salcombe and Kingswear (River Dart).

It is probable that these ports have seen more levelopment in hoats, lishin gear and processing in recen years than any other port around our coasts. The ishery has changed during the last ten years with large and better equipped vessek generally fitted with Deco and radar, coming into the

Browse Bros., the Paignto tirm of crabbers, has led the way by investing in a modern fleet of well-equipped crabbers which can operate along any stretch of cost The tendency has also been to work more pots and to fish further offshore in an effort make larger cutches. The tirm's largest-over crabberservice soon.

Traditionally Devon fishermen have always used the inkwell pot for catching lobstors and crabs. In days gone by these were made a ing withy cut from th hedgerows but, today,





AT THIS time of year, Britain's major crab fishery
in South Devon is reaching its peak. Based
grounds and the long absences from families is the mainly on the ports of Plymouth, Brixham, price these men pay for good catches all year round. Salcombe and Kingswear is a fleet of modern Recently, with further inshellfish boats which last year landed crabs slump in the fishing industry, worth £561,572. In this article, we look at the some of the Devon men to return to the smaller 30-36ft.

build-up of this fishery and its prospects. modern materials are used.

In the 1960s pots were thriving subsidiary industry Channel (Hurd Deep) and springing up making pots, pot Channel Islands area at other bound by chestnut hoops. frames, pot entrances and times of the year.

This framework was covered with netting; the entrance or crab fishery in this area much neck was made of basketwork more important as a source of these grounds as both

by wooden skivers pushed Another recent develop-through the bait and into the ment in the fishery is the Amil, have worked these basketwork neck. Pots of this changeover to pot haulers successfully in 35ft. boats. type were made by fishermen from capstans. Pot haulers The importance of opening

changed. Although pots of need to be swung inboard.

esigned and produced by other vessels are scheduled to 1970s. Mr. Nantes of Weymouth, are switch. although the general tenden- fishermen shot their pots but, after the boom had pass-

remembered that not only do Salcombe fished up to 12 and they last longer but they also 15 miles off Prawle Point. fishery based on the Cornish ports of Falmouth and

Basketwork necks have off Start Point.

their own use and few lift the pot clear of the water up and fishing new lobster

does not have to spend hours the years there has been a making the frames, as with wire pots. The other important from the shore. This is an tant factor is that, because of attempt to make larger, their durchility deputes is better quality catches in this fighery as the Cornish their durability, damage is hetter quality catches in on this fishery as the Cornish reduced and so the time spent order to meet the cost of shellfish men.

The control of the cost of shellfish men.

The cost of the cost of shellfish men.

The cost of the co lost string, however, can be boats. Many of the boats are practice brought about by much more of a problem. Sishing between 25-35 miles necessity to pay for new and fishing between 25-35 miles

oand (usually old car inner round. Now the trend has risen dramatically. tubes) placed around the bottom of the neck to firmly hold Devon grounds from June unthe heit

abroad to a dealgn by Gary Mitchell of Cornwall, the 52-footer is seen as she arrives with her eatch in barrels on deck. The catch is hauled on to a lorry (right) and taken to the hrm's processing plant. Above right: Skipper Terry Atkins of K.M.B. The deep-draft boat can fish a large number o

Pote and remain at sea when amaller craft stay in port due to bad weather

and the pot base of weldinesh. employment than generally Independent, skippered by The bait was held in place roalised.

Independent, skippered by Mike Cornish, and La Papil

and above the level of the grounds, and expanding both Today the situation has vessel's side, so that they only the home market and the exwire and netting are still in use, they are being replaced backache out of "lifting in" Selsey, launched a successful and makes it possible to work lobster marketing business on lavour. The warm waters of the lobster marketing business on lavour. The warm waters of the lobster marketing business on the lobster port trade, is obvious. At least

They are often made to in- was originally concentrated couraged some crabbing 10lb, are not unusual. dividual specifications, close to shore. Most vessels to change to queening Most of the crab catch cy now is for standardisation. within six to eight miles of the Price of these coast, although some of the ed, many boats returned to few are sold on the fresh

now largely been replaced by A few years ago boats in the ready-made plastic or glass Devon crab fishery tended to fuel-oil and other basic fibre necks. With this change keep within local waters and materials, the work pressures has come the use of an elastic fish crabs the whole year on skippers and craws have

til December, when the best shipping lanes in poor This change to more crab catches are made, and to weather have to be accepted. One of the fleet of large crabbers operated by Browse Bros. of Paignton, Devon, is K.M.B. Built

creasing costs and the general boats and work traditional crab grounds close inshore.

Although catches are smaller, many men find they are financially nearly as well off as when working big boats offshore. They do not have the large fuel bills, high loan the hours are much reduced

This trend may mean a return to a more stable fishery exploited at an boats with less crew. The DTI safety rules on boats over 12m. may also have some in-

frame pots, or plastic pots as with one crewman less. A the large quantities of the Gulf Stream provides number of boats have con- lobsters taken from the food in alundance and en-These pots, originally verted to pot haulers and offshore grounds in the early courages rapid growth. Few esigned and produced by other vessels are scheduled to 1970s. Mr. Nantes of Weymouth, are switch.

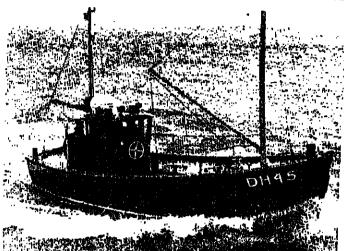
The location of queen in weight and 2-4lb, is normal stocks in the Channel also enfor hens. Cock crabs of 5-

polythene frames appears expensive, but it must be like Richard Cove of The winter mackerel
cooking by boiling, and then hand picking the meat for save the fisherman's time. He Gradually, however, over Newlyn has also proved imdoes not have to spend hours. catering packs of white and While there are

crab plants in Devon, the best

known is Browse Bros, of Paignton. This firm set up by Maurice Browse, MBE, produces an excellent product and represents a high stan-This company operates its

own fleet, also buying from local boats and will handle over 100 tons of crabs during Processing of Devon crabs

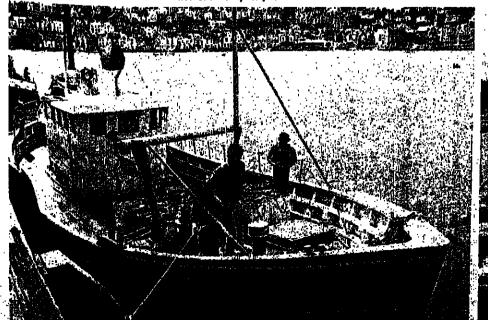


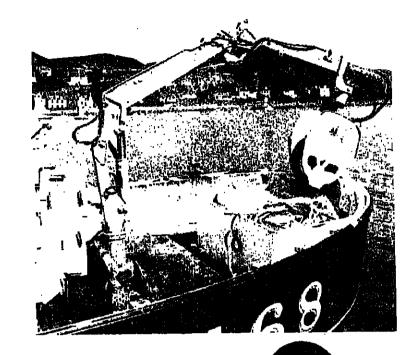
which have exploited the Hurd Deep. Balow: A string of typical Devon 'plastic' inkwell crab pots aboard a West country crabber.











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south-west crab fishery...

firm has one of the most up- locally as whole crabs. to-date crab processing facilities in the United processors who take Devon September or October, when Kingdom.

crabs, there is still the peak catches occur, until it

they process them during the due to natural factors.

scallops or queens, while could be found!

usually for a hen crab falling within a specific weight range Local fishermen wonder and must have a good brown meat content. Quality control on this product is high before acceptance by the Swedes.

The frace is market is oversens for this excellent crab meat, but better marketing will have to be ing the 1976 season. Crab landings along the Dovon coast return. A higher price could started off badly but have

Shellfish, Paignton, and at fresh market - many being crabs being watery and lowin Harvey's of Newlyn - this sent to Billingsgate, or sold yield. Even so, catches are Despite the numbers of year and it will not be until

It is the processing side problem of glut and shortage, will be known what sort of which keeps this fishery Quotas on crub landings have season it really is. In other areas, es- been imposed on boats in the pecially Scotland and the past -- particularly during owned well-hoat Natali. north-east coast, large-scale October when peak catches which is buying shellfish for crab processing has declined are taken. Nowadays the sale in Spain, is another reand catches of good quality problem is not so great cent development in the crabs often remain unsold at because of the general intishery. The company the ports. This is not so in crease in erab processing and, operating Natali is paying Devon, and it is good to see hopefully, this year the question. this fishery expanding and tion of quotas will not arise. Price higher than local

One of the main problems merchants give varying acmoment.

n Devon is the shortage of counts of the state of the What i crabs during the winter, when Devon crab fishery. Some say that they are offering the catches are low and hen crabs catches have declined and same price for spider crabs. ire generally in poor condi- that each year they have to go These crabs have been Some processors attempt to their catch levels. Other the past, or as is more often overcome this problem, which occurs from January to May each year, by freezing claws fisheries, fluctuate from year have been avoided. Now, and legs during the peak to year Low catches one year some Devon men are setting n September. Oc do not necessarily mean their pots in these areas an tober and November. Then declining stocks, but may be are making good catches.

Other firms go over to believe that they could don- crawfish. Spider crabs may products such as mackerel, ble their landings if a market extend the present crab

some processors close down until crab catches again become adequate.

The Swedish market is a big buyer of Devon crabs.

These are usually avported as the law prices fishermen is concerned about the law prices fishermen is concerned about the law prices fishermen at the law prices These are usually exported as the low prices fishermen oh- ty of the crabs and the tensor vacuum-packed, pasturised tain for crabs. 8 to 9p a pound ty of the Dovon crab men will or frozen whole-boiled crabs. is not a high price today and, ensure its survival. At least A number of local firms are although running costs have half the country's crab catch involved in the preparation trebled during the last couple is now landed at Devon ports. for the trade. This market is of years, prices have remain- Opportunities exist

The larger cock crabs land- now improved. Merchants who is faced with increasing d in Devon are not processed say that the quality is poor - $\cos ts$.

seldom high at this time of

The arrival of the Spanishthe catches being maintained. Buth fishermen and increhents are paying at the 2

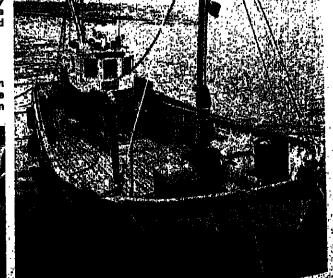
> What is more interesting is Some Devon fishermen ming crabs, lobsters and fishery and they show how a



mans the hauler of Silver Spray
If as a string is hauled off the Devon coast. Pots are stacked on deck and then shot again.

Right: Silver Spray II has been fitted with a new Ceitle Slave hauter from A. Ray Burn mouth) Ltd.





PAIR FROM LOOE YARD

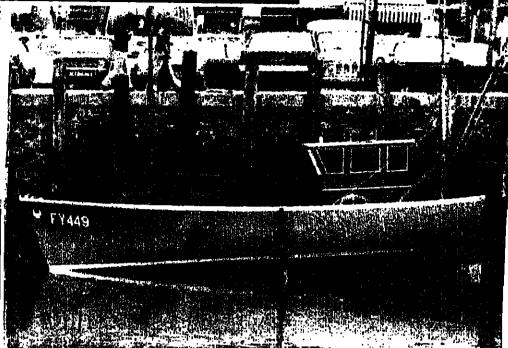
footers in wood to a similar design but with different deck layouts. Speed

Mi Amor has been completed for Barry Gowing of Looe and has a forward Bardell of Lymington and, heam which is for P. S. wheelhouse. She is fitted with whilst she is also fitted for Smallboane of Gosport. This a Ford Tempest six-cylinder stern trawling, she has an aft diesel giving 108 hp. The unit drives through a Twin Disc Ford Bellweather six-cylinder driving through a Twin-Disc driving 108 hp. in fitted with a driving through a Twin-Disc driving through a gearbox with a 2:1 reduction giving 108 hp, is fitted with a gearbox with a 2:1 reduction. Her speed in autumn.

and Pape has recently Smallwood 1-ton trawl winch ability. Allegiance, as this completed two 32- footers in wood to a smallwood to a smallwood 1-ton trawl winch and a gantry for stern trawl- pleted by the owner before

further stern trawler on orde

RECORDER



Small bods strill mini scalop rush

SEVERAL boats based in the St. Mawes and the fishing. The ebb tide Falmouth area of caused catches to be cut by Cornwall went inshore scalloping this spring.

First to begin operations was the wooden boat Barnaby George, owned by Ken Banfield. A one-ton hydraulic trawl winch and a steel stern gantry were fitted to enable the gear to be handled easily. The 36ft. GRP Kathy Colleen was also fitted out with a 3. ton winch and stern gantry and she began operations shortly afterwards.

The areas fished ranged from Veryan Bay to the produced a good size scallop, out could only support the vessels for a few weeks. Heavier concentrations were found but, being surrounded by rocky pinnacles, the larger vessels had difficulty in

Veryan Bay and fished the hed there for a few days but, as the bed had been heavily worked a few years before, catches soon died away and ne boat returned to Fowey.

Catfish carried on Gerrans Bay as she was being worked single-handed and worked single-handed and trawler skippered by Tony the returns were enough to pay her way.

Barnaby George and Scottish trawler skippered by Tony Wolzchuck, began operations using six Newhaven 4ft.

day. Kathy Colleen was plagued with winch trouble, which heavily cut her ear-

Chain

Barnaby George used two France.
It. Vincent Blake spring-arm Paym dredges, with heavy chain behind when the French leaders. Kathy Colleen used buyers witheld money, so three x 36in. Newhaven Robin Shellfish called a halt dredges but found headers.

two-thirds; the hour before and high water were the most ing the inshore beds in very little tide, the same pattern

When fishing the 4ft dredges both Barnaby George and Kathy Colleen found setting up the dredge was critical; water flow through the top mesh of the bag was very important, as was bag

Catfish, the prototype even more critical. Three in. l'eeth length and shape was was the longth used to begin with, but if the wear exceede 24in., heavy bage of rubbish were the order of the day.

rench teeth bought i Plymouth, which were Manacles. Gerrans Bay gear, had to be cut down fron 6in, to 3in, and re-profiled 'l'his was worth the trouble as the French tooth is made rom very hard steel and steel teeth, as used by Estoria, lasted only a few days on heavy ground.

local interest was aroused and one skipper even sailed across from Falmouth to St. Mawes armed with a tape measure to check on Barnaby George's gear design

Barnaby George and Kathy Colleen searched around for scallops amongst the rock, and succeeded in producing up to 200 december 1 producing up to 200 dozen a trips to the Eddystone and

> and, at one time, five vessel were landing to this market. The scallops were processed Plymouth and then sent to

dredges but found handling a to operations rather than in hobbin difficult. She turned crease its debt to the vessels to two 4ft Name of Lone was to two 4ft. Newhaven dredges, Bryn Kellaway of Looe was with spring-arms.

Bryn Kellaway of Looe was then called in to help out the

The spring-arms.

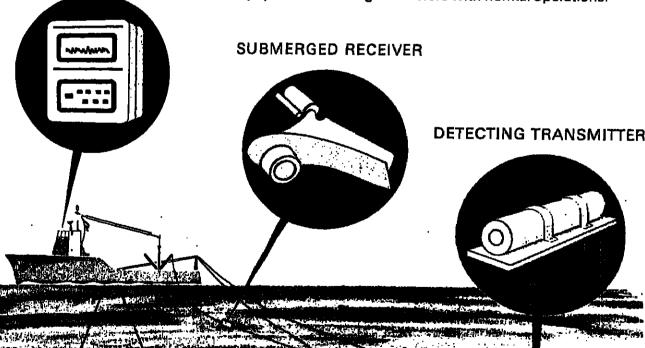
The spring-arm dredge was found essential on the rough ground, and opened up storing it had been imposeible to fish before.

Estoria fished six x 36in. Spring dredges and found spring dredges and found Salcombe. Estoria went fishing the Plymouth grounde two fixed-tooth home-made and Catfish turned to trayling.

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the fast steam trains first.

day dawned as a festering disand west coast fishermen welled up into a spate of violence lasting several days and so frightful, that eventually only the presence of the army and name restricted one. army and navy restored any semblance of order. With hindsight it was no more than end of the long south pier at a nine-day wonder, but it least a thousand, and fired the invariation of the probably more stated and fired the imagination of the probably more, marched on national press which called the Lowestoft vessels giving the disturbances "The

Drifters

In those days the east coast sailing drifters used to work the Westward Voyage early in the year and through spring, drift fishing for mackerel frequently as far as Fenit on the west coast of Ireland and back to within sight of Ushant Light, on the coast of France. But their favourite hunting grounds were off Mount's Bay and Newlyn became a popular base for many of the "Yorkies", as the Cornishmen called their castern counterparts.

At the beginning of Anglian drifters it was estable to work the coastguard, depositing the coastguard, depositing the chief officer, one Mr. Besthermen quickly overcames the coastguard, depositing the chief officer, one Mr. Besthermen quickly overcames the coastguard, depositing the chief officer, one Mr. Besthermen quickly overcames the coastguard, depositing the chief officer, one Mr. Besthermen quickly overcames the coastguard, depositing the chief officer, one Mr. Besthermen quickly overcames the coastguard, depositing the chief officer, one Mr. Besthermen quickly overcames the coastguard, depositing the chief officer, one Mr. Besthermen quickly overcames the coastguard, depositing the chief officer, one Mr. Besthermen quickly overcames the coastguard, depositing the chief officer, one Mr. Besthermen quickly overcames the chief officer, one Mr. Besthermen quickly o

castern counterparts.

At the beginning of Summer, the Westward Voyage over, they headed north to Scotland and followed the silvery shoals of herrings on their annual migration south through the North Sea before arriving home in early winter. It was a hard enough life working seven days a week and they infuriated the Cornish fishermen by refusing to observe the Sabbath.

The men from the West-Country steadfastly abided by

Country steadfastly abided by

fishermen from Porthleven, order and the authorities went to their beds determined deferred the reading of the thing on Monday morning.

Events, however, proved far from normal when Mon
went to their beds determined determed determed the reading of the Events, however, proved to teach their unsuspecting Riot Act because the excite"Yorkies" a lesson they ment seemed to have cooled in the reading of the reading would never forget the next down.

their intentions.

A few more drifters had arrived overnight and goaded on by their wives the fishermen quickly overcame

day.

The holds of their small vessels were filled with thousands of glistening iced mackerel, destined as normal, they believed, for the lucrative London markets by the state of the stat

In an effort to warn ap-

paid for mackerel. The glut of on Sunday, May 17, 1896, a group of about a dozen Lowestoft sailling drifters put into Newlyn harbour, Cornwall. The men were wall. The men were at a complete disadvantied and weary; they had been working through Saturday night and much of Sunday.

The holds of their small

The holds of their small the theouse does into the sea and by the end of that dreadful Monday there were mackerel were pitched back into the sea and by the end of that dreadful Monday there were mackerel were pitched back into the sea and by the end of that dreadful Monday there were mackerel were pitched back into the sea and by the end of that dreadful Monday there were mackerel were pitched back into the sea and by the end of that dreadful Monday there were mackerel were pitched back into the sea and by the end of that dreadful Monday there were mackerel were pitched back into the sea and by the end of that dreadful Monday there were mackerel were sea complete disadvantage because they stuck so adamantly to the Sunday Sar as the eye could see. Among those to lose big catches were Succeed (LT 507) and Osprey (LT 476).

Ashore, an enthusiastic photographer anxious to cape the property of the country of the country of the pitched back into the sea and by the end of that dreadful Monday there were mackerel were were succeed (LT 507) and Osprey (LT 476).

Ashore, an enthusiastic photographer anxious to cape the property of the country of the property o fought at Newlyn

THE OPENING shots in the mackerel row between Westcountry and Scottish fishermen last year were mild compared with what happened at Newlyn between local men and Lowestoft 'Yorkies' in 1896. Floods of mackerel from east coast boats was one of the causes of days of fighting ment seemed to have cooled which was only eventually quelled when troops were called in. In this article, TOM WOOD describes the scene Day dawned as a leasering dispute between the rival east day.

In an effort to warn appute between the rival east day.

The storm burst early on proaching East Anglians of which became known nationwide as "The Newlyn Riots".

number of Speaken in.
For a time the scritched to Pensage Case
Lowestoft smalls LIT 607) was spotted of for Ponzance, but skiely in to sea.
In the meaning scal

public houses to close and remain closed and an element of the mob incensed by this was the right judgment when called upon, walking from the Court was now outwardly restored. In a final fling on the wooden of the mob incensed by this was the right judgment was now outwardly restored. In a final fling on the Court was made on the was now outwardly restored. In a final fling on the wooden of the expive Lowestoft drifters and half-a-dozen magistrates marched, amid constant jeering and some stone-throwing, and some stone-throwing. Here they met their first set of the mob incensed by this was the right judgment when called upon, walking from the Court virtually unscathed. Perhaps the Wadnesday Captain Strick, the harbour master was mobbed, but rescued by this was the right judgment when called upon, walking from the Court with the Wednesday Captain Strick, the harbour master was mobbed, but rescued by the crews of the captive Lowestoft drifters and half-a-dozen magistrates marched, amid constant jeering and some stone-throwing, into Newlyn.

Here they met their first set back when a contingent of Co. Ltd., of Lowestoft, on the pier and halued it to the harbour rescued by the crews of the captive Lowestoft drifters and half-a-dozen magistrates marched, amid constant jeering and some stone-throwing.

A brisk akirmish ensued on both piers at Newlyn before the troops dispelled the mob and by eight o'clock had complete control. One man lost an ear in the exchanges and into the year of the culprits only saved from assortment of clubs, engaged the fishermen as they tried to go the captive Lowestoft drifters and half-a-dozen magistrates marched, amid constant jeer was now outwardly restored. In a final fling on the Court visually unscatched. Perhaps the Wach on the police and the troops went into action to prevent Penwas nobbed, but rescued by the gent of the captive Lowestoft drifters and half-a-dozen magistrates marched, amid constant jeer.

Strick, the Mach of the wrong of the captive Lowestoft drifters and half-a-doz

the Home Secretary took captive Lowestoft drifters Justice Lawrence, Alfred steps to restore order and sent were told to leave as quickly Green, Nicholas Hosken, in the troops and navy. At as possible. This they did and John Richards, William Mann

police had on their hands. Though the police tried their utmost to prevent the destruction they were completely outnumbered and unable even to make any arrests.

On the Tuesday morning the Newlyn fishermen held a mass meeting determining to carry through their principles against Sunday fishing. Some of the locals, however, spoke out against Sunday fishing. Some of the locals, however, spoke out against the use of force, but undeterred about 300 his fishermen marched along the Sec and principles of the locals, however, spoke out against the use of force, but undeterred about 300 fishermen marched along the Sec and principles ask the stack and inflicting some casualties.

Havoc

It was not going all the drifter Maggie May (LT 371) despatch vessel H.M.S.

Traveller, the gunboat Curlew and the some and nine men of her beliast and wrought havoc among theme before heading for Plymouth, where heading for Plymouth, where heading for Plymouth, where her catch was discharged without a hitch.

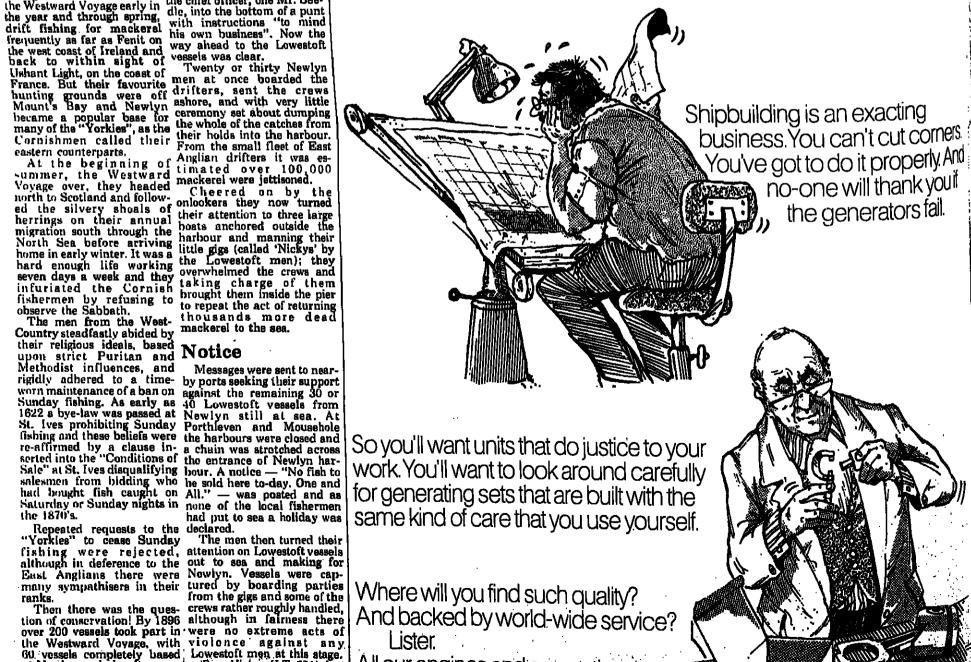
At length after constant four was removed and to the fishermen, but agreed to composite damages at £619. 15s. 3d. to damages at £619. 15s. 3d. to damages at £619. 15s. 3d. to the troops had to fire a volley into the sea to warre East.

With some gigs still at sea the troops had to fire a volley into the sea to written explanation of the outraged boats and set final gesture the East Anglians to turn about. At the same time special for the arrest of the outraged boats and set finel gesture the East Anglians to turn about. The control of the count and the complex of the troops had to fire a volley into the sea to warre the sea to make any (LT 371) and calliers was a sea and the drifter Maggie May (LT 371) and calliers was a sea and the troops had to fire a volley into the sea to warre the sea to warre the sea to warre the sea to warre the sea to warre

in the troops and navy. At 6.30 pm 350 men from the to the chagrin of the Newlyn arrived by rail at Penzance and with bayonets fixed and accompanied by the crews of the centical expectation of the Newlyn and William Trigg were with open arms at Penzance. The continuous fixed and accompanied by the crews of the centical expectation of the Wadnesday. Captain this was the right judgement.

The Home Office refused to Finally in January 1897 the see a deputation of Newlyn Board of Trade fixed fishermen, but agreed to condamages at £619. 15s. 3d. to sider a written explanation of the divided among the crews of

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over 200 vessels took part in were no extreme acts of the Westward Voyage, with violence against any 100 vessels completely based at Newlyn and, despite spending freely when ashore, there entire catch, casks, were many, who thought this invasion too great for the good niture, and Bessie (LT 519) of those who worked these had the same treatment as waters all year around.

The most serious bone of ed into the bargain.

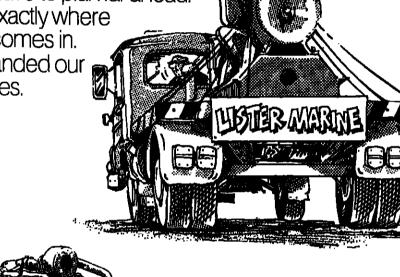
Contention was the low prices of the same of the results of the same treatment as contention was the low prices.

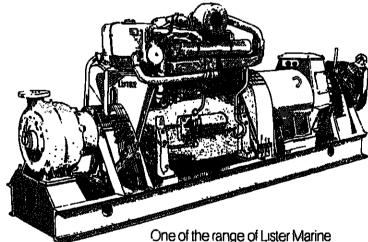
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heatwave summer weather has depressed prices for fish, Brixham fishermen cannot man of Brixham and Torbay Fish Ltd.

less.

"Can you imagine a housewife frying fish in that hot weather?" Mr. Gallin asked. "And the few mackerel being caught soon go off. Even so, the boats have been doing quite well."

1940, he settled in Brixnam, and except for a 16-month spell at Milford Haven in 1944-45, has lived there since.

He married a Brixnam lady and until he came ashore six years ago he operated a succession of trawlers.

About 10 Brixham boats have been taking scallops off the Cornish coast and landing them at Plymouth and Newlyn, and about a dozen have been going for the shellfish from their home port, while some beamers its first chairman, and still

of a Belgian boat operating in the Bristol Channel. On the radio news he heard that his grumble says Mr. the Nazis, and he did not see Marcel Gallin, chair- it again until hostilities end-

The nearest he got to his The excellent conditions home country was seeing the have meant that boats have coast of France when he been going to sea practically without a break. The rub was that people have been buying Dunkirk. In the same year,

port, while some beamers its first chairman, and still have been busy out of Brixholds that position, as well as being its outside manager and Mr. Gallin's efforts for the consultant.

fishing industry in the West
Country and nationally were
recognised in the Birthday a governor of the Fisheries
Hotiours list earlier this year, Organization Society, chairwith the sward of the M.B.E. man of the South Western
He has an interesting story to tell:

On May 10 1940 the Constitution:

It is award was for services to the fishing industry—he is governor of the Fisheries
Organization.

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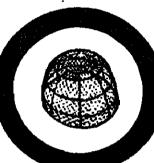
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journey to Bideford on a fleet of lorries. It has taken about a year to re-assemble the hull and complete the vessel.

The boat has been designed, where possible, by the Bideford yard, Built to the order of Skipper Peter Duncan of Peterhead, Marigold is equipped for seining and trawling and has an overall length of 80ft. (24.3m.) and monagold will appear in a later edition of Fishing News. SEE YOU AT THE WESTCOUNTRY BOATSHOW

Devon yard strikes and strikes and strikes and strikes and strikes are strikes.

BIDEFORD Shipyard (1973) Ltd. in North Devon is now becoming increasingly involved in fishing boats. It has an eye to the needs of Britain's trawler owners in these times of change in the industry.

The yard has just delivered the 80ft, steel seiner-trawler Marigold to Peterhead, Scotland, owners and has recently received an order to build a 79tt. multi-purpose boat for Skipper Alan Morse of North Shields.

Speaking to Fishing News managing director, Graeme Trinder, said that building prospects for the smaller class if fishing vessel are looking better and the yard is getting unite a l'ew serious enquiries He said this is the time for wners to have the courage of heir convictions and order

new inshore vessels. The loss of the Icelandic grounds is already keeping fish prices higher and could

News that the yard is particularly concerned to design and build vessels to suit the individual needs of owners.

He said certain people want certain things and it cost only a little extra to produce a control of the control o

placed with the Faversham

yard of Southern Ship-builders (London) Ltd., but

this company went bankrupt while the boat was under con-

Bideford Shipyard won the

bideford Shipyard won the contract to complete the vessel but, as the after section of her hull was still to be plated, it was not possible to tow it to Devon; also, it was not feasible to complete the hull at Faversham.

So, the hull was cut into about 20 pieces and made the journey to Bideford on a fleet of lorries, it has taken about a



Bideford Shipyard. She has a Kelvin 500 hp diesel.

number of advanced ideas. cd stem. Beam will be about good, clear working area al.

Her layout has been 23ft. Other gear handling aid. She has been designed to are to include a seine at Work on Skipper Morse's fishroom is on the centre of have an overall length of un-

Naval Architects, Shoosmith naturs will also be fitted.

block which has a double sheave in place of the more

Other gear handling

machinery includes Fishing Hydraulics seine rope storage

reels, and Northern Tool and

Gear trawl and seine winches.

Propulsion is provided by an Alpha engine of 500 bhp turning a variable pitch

propeller; there are two Lister

auxiliary engines.
The boat has a 220V d.c.

usual single sheave.

Propeller

THE HULL of the 80ft. She has a cruiser stern, round bilges and a raked stem.

The original order was teatures is the Hydema power

which will incorporate a with a transom stern and rak- trawl wires and also leaves

boat has just begun and she is trim, so she will not go down der 80ft, so that she will mounted on a High cram, scheduled for completion at by the head or stern when qualify for a FEOGA grant. and two Lossic Hydraulic the end of the year. When carrying fish.

The Hedemora engine is a rope storage reels.

the end of the year. When deciding to buy a new boat, Skipper Morse approached several builders but Bideford was the first to offer a design meeting his very specific requirements.

This layout has been made four-stroke, single-acting, diesol running at 1,200 rpm and will drive an Ulstein variable pitch propeller housed in a steering Kort nozzle.

A Gardner 60 hp auxiliary could well appeal to trawler owners as an ideal replacement. ment for their larger distant with the Newbury firm of engine and two 35 kW alter-

custom-built boat. Skipper design, she has her aft and leading direct on to Morse has worked closely engineroom aft and accomthe with the builders on the modation forward. The boat design of his new vessel, will be of round bilge form the crow from any parting

built quite a number of small steel fishing vessels in the fold, range, chiefly for owners Don Busco and the 48h trawler Barbarella comp

WEST COUNTRY BOAT SHOW

Bideford Shipyard (1973)

Ltd. was bought in 1973 by the Australiad Steam Ship

ping Co. Ltd., a ship-owning

For the ten or eleven yes prior to 1973 the yard

Bideford Shipyard Ltd. and

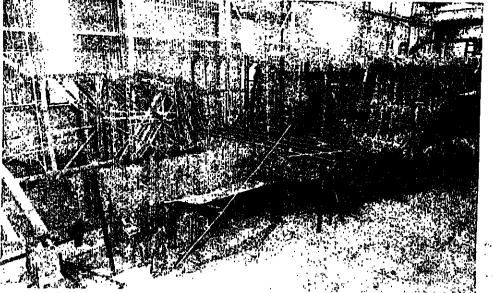
company with an asset back

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August 18, 1976



nder construction at the Bideford Shipyard. She is one new owners have of four similar craft ordered by Bogg of Bridlington. Another in the series was Majestic (above right). The owners sold three, including Majestic and Langdale, but operates the fourth. Equipped to build all kinds of steel craft up to about 100ft. long, the yard is a self-contained unit able to carry out an entire boatbuilding project without work being sub-contracted to other firms. In addition, the yard can work in aluminium and is at the south west for agents in the south west for agents in the south west for trawler Pescoso 11 was also manufactures McMurdo lengthened by about 10ft. to give her an overall length of about 85ft.

Last year the Brixham based 'sputnik' trawler Crannoch built at Berwick-upon- Tweed.

The firm has 120 Gorganisation.

She has now been cut in half and the two ends pulled apart. By early July work on builting the Peterhead seiner-trawler Silver Lining to give her stability characteristics in excess of the firm was well underway.

The firm has 120 Gorganisation.

She has now been cut in half and the two ends pulled apart. By early July work on building her new middle section was well underway.

The firm has 120 Gorganisation.

She has now been cut in half and the two ends pulled apart. By early July work on builting to give her stability characteristics in excess of the firm was well underway.

The firm has 120 Gorganisation.

She has now been cut in half and the two ends pulled apart. By early July work on builting to give her stability characteristics in excess of the firm was well underway.

The firm has 120 Gorganisation.

She has now been cut in half and the two ends pulled apart. By early July work on builting to give her stability characteristics in excess of the firm half and the two ends pulled apart. By early July work on builting to give her stability characteristics in excess of the firm half and the two ends pulled apart. By early July work on builting the plating was believed.

The firm has 120 Gorganisation.

She has now been cut in half and the two ends pulled apart. By early July work on builting the plating was believed.

The firm has 120 Gorganisation.

She has now the plating the plating the plating was believed.

work in aluminium and is at present building a yacht which is being sheathed in cupro nickel.

cover simulcaneously, in adversely in aluminium and is at dition to bandling repairs to vessels up to 250 tons deadweight on an outside slipway. The yard has its own

Prefabrication is employed naval architect, but also where possible and this employs outside consultants. technique is to be used for Skippor Morse's boat. Where it is considered appropriate, welding work is X-rayed.

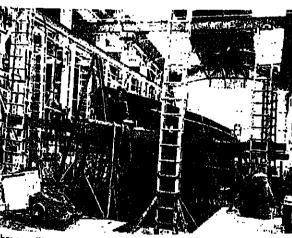
This is compulsory when building lifeboats and naval areas are the building lifeboats and naval states. The first technique is to the builders also do it. craft, so the builders also do it Holdings Ltd., but the first for fishing vessels and other three have since been sold to

boats as a matter of principle. Scottish owners. The yard's electrical divi-Calatea was delivered to sion is particularly advanced Bridlington last year where and designs, builds and in-she is reported to be doing stalls the complete electrical very well.

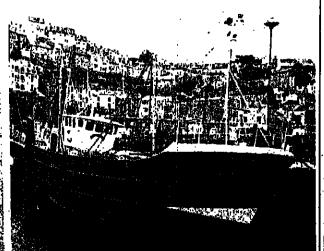
Similar in many respects to These installations meet the typical Scottish scinerthe approval of the leading trawler, the cruiser-sterned classification societies. vessels were designed by Alternating current Shoosmith Howe and have an systems are recommended as overall length of 74.75ft, and the equipment is much more beam, 21ft.

compact and spares can be bought 'off-the-shelf'. The Kelvin engine of 500 hp and is division also designs and equipped with a Jensen builds engine alarm panels, navigation light panels, fail-safe fuel valve controls and bridge control panels can be built for outside customer out reveirs and cuite order.

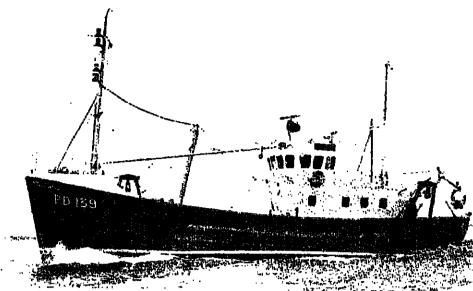
built for outside customer out repairs and quite extensive modifications to all kinds Bideford Shipyard are of commercial craft.



bove: a lifeboat takes shape at Bideford and (below) an earlier langthening job the yard undertook. A 10 ft. long centre section was added to Brixham's *Pescoso II*.



FISHING NEWS



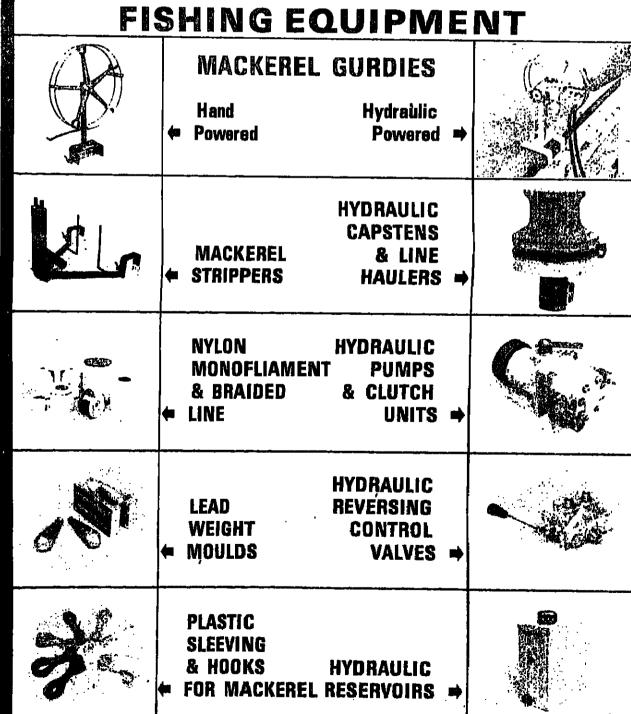
the criteres recommended by the Inter-Governmental

half and the two ends pulled pleted in September.

Maritime Consultitive Her fuel and water tanks She has now been cut in the job is expected to be com-

With its considerable experience in such work, Bideford Shipyard is well The framework had been qualified to handle Silver

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Newlyn harbour pictured from the south pier. The planned quay will begin at the

WITH LANDINGS over £14m. last year, Newlyn was the top earning port in the whole of the south of England last year. Not content to rest on its laurels, the port is preparing itself for an even bigger future with two major

developments. The Harbour Commissioners are waiting to go ahead with the first stage of a major harbour improvement scheme, and a commercial enterprise began work a few weeks ago on a £1.33m project nearby to prepare fish for the housewife and fish meal.

The port redevelopment scheme is designed to have a new jetty running down the centre of the harbour, a new fish market which could be used at all states of the tide, and a new ice works.

Latest estimated cost of the

Cornwall County Council's Policy Committee, is £1,099,600, with the first stage standing at £702,240. The committee decided to

recommend the county council to defer considering a request by the Harbour Commissioners to guarantee a r249,575 loan towards the first stage. The Comnissioners want to borrow the money from the Public Works Loan Board, and the ommittee is asking consideration to be deferred until confirmation is received of a government grant towards the

scheme and the making of a harbour improvement order. Their project is eligible for a total grant of £164,500 first stage from the agricultural fund of the EEC, and they were told that the

While the necessary procedure had been taken for obtaining a harbour improvement order, the order was unlikely to be confirmed by large the processing scheme outside the actual harbour could said the actual harbour c of the fishermen, have decid-creased at a later stage if the lease of life to a factory

£588,660 1972-3 £684,090 1973-4 £874,110 1974-5 £1,145,742 1975-6

stage, amounting to timated £702,240. timated £702,240.

Annual loan repayments £588,660 in 1971 to over 25 years, with interest at 14† per cent per year, would be £58.300 for the continuation of the most noticeable boom to the continuation of the most noticeable boom to the continuation of the most noticeable boom to the continuation of the

£1,705,155

Ministry of Agriculture, 14th per cent per year, would The most noticeable boom Fisheries and Food would approve in principle a 50 per cent grant, subject to Testes and £36,600 for the mackerel landings in 1971 first stage. To meet the loan totalling 147,860, these had charges, the Commissioners risen to £675,622 in 1975. had increased fish landing Trawl and line-caught fi

provided, as envisaged in the second stage.

The Commissioners' finan cial advisers had estimated that the harbour's surplus o income over expenditure would increase from £31,700 next year to £34,000 by 1979. It was pointed out that in-

come derived from two sources — about £12,600 a year from dues on stone shipped from Newlyn, and 147,000 from fish and other landing dues.

While the fish dues had shown a marked increase in recent years, money received from shipping stone had shown a decline.

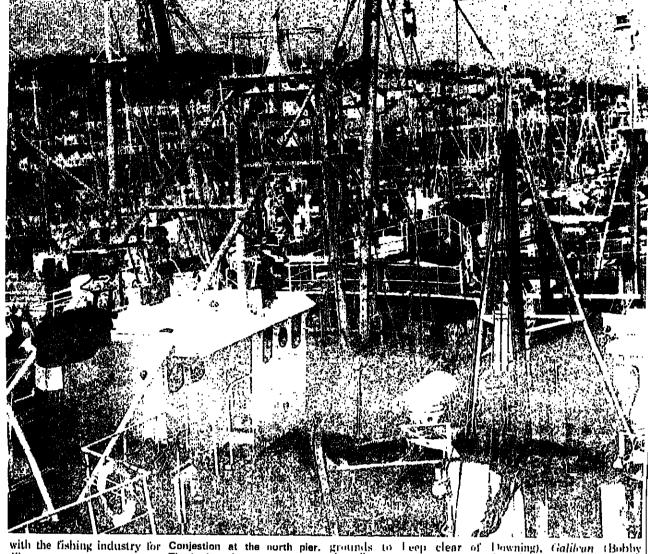
Fish landings in the last

five years, the committee was told, had soared. The amount

There was confidence that provide 120 jobs by the end of ed to go shead with the first improved facilities of a new which has been associated

A new market is planned so that fish will no longer have to be brought by lorry or tide goes out. At present, fish is landed on the north pier at low tide.





40 years.

Behind the operation is Western Fish Products Ltd., of problem.

The harbour becomes crowded them."

The harbour becomes crowded them."

The harbour becomes crowded them."

Fig. devell) and Rose of Sharon (David Stephens).

While Newlyn broke all them is Duncan Tucker Ltd., of problem.

Fish in hards of 150-200 of the Harbour Companies Sorting live fish from this stones. Sorting live fish from the stones of them is stones.

more secure markets in the Penzance for a while.

future for their catches. It was planned to instal more skipper of the Spes Firma, than 21 m. worth of new said that the local men had equipment.

At present surplus fish and the special forms of the special for

At present surplus fish and other catches have to go to Hull for processing into fish meal and animal foods. When the new operation, at Stable Hobba, Newlyn, begins, the fish will be able to be handled locally.

been forced to move from the force, and we never slipping a hell of a lot of fish."
They were, he explained, and if the catch was not several years, and they have suitable — because the fish were not of the right size, or a different variety of fish was locally.

two sides to the business — that the purse seiners were one handling edible fish for human consumption, and the other for conversion to fish raging, Mr. Louis Hicks, meal He was the murse of Klames.

He wondered whether the decomposing fish would destroy the marine life on which the fish fed.

as part of the development, edible fish would be graded He described the seiners as In May, two purse seiners,

Bridgort, Dorset. seiners. A number of these stones. Sorting live fish from missioners, Mr. Charles Le Modern fish processing vessels were at Plymouth, dead was hard and foul work. Grice, emphasised that with plant will mean that the Cor- although a couple operated and it was not always pract he construction of the new nish fishermen would have out of Newlyn and nearby tical to go to different jetty, it was anticipated that

locally.

Now," he said.

With the installation of But another section of the modern plant, there will be fishing industry did not agree two sides to the business — that the purse seiners were different variety of fish was now," he said.

different variety of fish was not the purse seiner were again.

He wondered whether the

decomposing fish would

meal.

Shortly after the operation was announced, Mr. John De Savary, chairman of Western Fish Products Ltd. and its parent company co ing brought alongside.
The purse seiners arrived

parent company, commented:
"It should be of enormous benefit to the fishermen."
With an ice-making plant as part of the development."

some of the blame.

Trawlers which froze their the purse seiners arrived in the far south-west as the herring in their traditional get 100, they have to let 70 grounds became scarcer. And they left the area almost as the left the left the area almost as the left t

dishe fish would be graded and packed.

The plant would be operating when the fish were running in January.

"It means that the fishermen will not have to dump fish at sea, for we regard this as a criminal thing fallic Rose. He pointed out as far as the nation is concerned," declared Mr. de Savary.

"Now the fishermen will know in the west of England he has an outlet for industrial fishing," he added.

However, not all local fishermen as meal plant will be in their interests. Line fishermen, especially, feel that the plant will act as a magnet for big purse seiners to come and plunder their grounds.

Earlier this year Newlyn's fishermen were driven from the it raditional grounds by masses of dead and rotting was said to be unknown. Tawlermen were driven from the sease of the outside was said to be unknown. Tawlermen were driven from the sease of the fishermen are much as the extra work, small and the port's pair trawlers set a bass record.

Alter fishing 13-miles off the sum were continually feel arrival in the west finding dead lish. We are stone and whole their grounds was not worry.

Tawlermen were continued that the plant will act as a magnet for big purse seiners to come and plant will be in their interests. Line fishermen as much as the extra work, small and the extra work, small and the port's pair trawlers set a the outside mark is put over the fishing 13-miles off other provides with the fishermen as much as the purse of the fishermen as much as the provided with the purse of the fishermen as much as the plant will act as a magnet for big purse seiners to come and plunder their grounds.

Skipper Downing said that the port's pair trawlers set a big outside territorial the port's pair trawlers set a brooke their own tecord, set a provided with the purse of the purse of the provided with the purse of the purse of the provided with the purse of the provided with the purse of the purse of the provided with the purse

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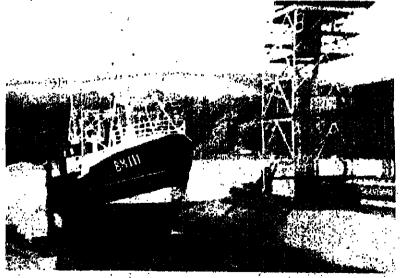
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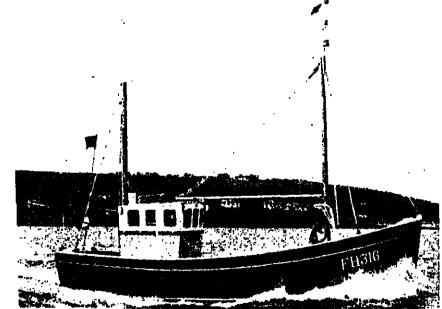


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* WE FIT OUT THE FULL CYGNUS GM RANGE *

design was based on the idea

design was based on the idea that tugs and trawlers have much in common: they both have to tow.

Working 36-hour trips, Reg bithing to plaice and date ections sweeping up aft over fishing for plaice and date.

Later, if the good run of scallop fishing continues, might switch over, Reg Gibb told Fishing News. He may even take on pelagic gear for the winter mackerel fishing is and the winter mackerel fishing. Forward of these two the added.

The bull is of the double small store and, between these tanks is a small store and, between the engine compartment, is the large fish hold with full state and the engine compartment, is the large fish hold wish follows and the engine compartment is the large fish hold was found for the engine compartment is the crew accommodation for four, together which and the GRP hold collects any he ded to countreact this.

The bull is of the double small store and, between these compartment, is the large fish hold with full state and the engine compartment. The detection carrying the drive to the four-bladed propeller which and the opine are two hydraulic deck machinery. The common hydraulic oil the front of the engine could fifficult to maintain. Mounted on each side of the engine compartment is the crew accommodation for four, together which and the GRP hold collects any the country and macker of the engine compartment with the sulated with polyurethane even the country and the engine of the main engine drives two distributions of the main engine drives two distributions are mounted in a steel ventour to the front of the engine could fifficult to maintain. Mounted on each side of the engine country and the front of the engine could fifficult to maintain. Mounted on each side of the engine can the front of the engine country and the engine can the front of the engine country and the engine can the front of the engine country and the engine can the front of the engine country and the engine can the front of the engine country and the engine can the front of the engine country and the en

within the 25-ton limit.
That's the description being given to Brixham's new multipurpose trawler Lia-G which began fishing purpose trawler Lia-G
which began fishing
three weeks ago.

Although this sturdy 52footer is a step down in size
and power on the 68ft. and
400hp wooden trawler, Sonny
Boy, previously worked by
Skipper Reg Gibb, she lacks
nothing in performance. Out
of a maximum 1,800rpm
available from the 287hp
Baudouin engine, Lia-G is
easily towing the bottom gear
transferred over from Sonny
Boy at 1,400 rpm.

Boy at 1,400 rpm.

Boy at 1,400 rpm.

Built at a cost of £52,000 by Southern Ocean Services at Southampton, Lia-G is the first trawler version of the Makikki class trawler-tug design by naval architect, Ian Darley. This combination design was based on the idea.

work tops. There is also a table with seating arrangements.

The visibility from the tugike wheelhouse is excellent, both forward and aft.

Electronic gear includes: Decen Mk. 21 Navigator; Furuno recording scho sounder with facility for headline transducer readings; 'Seavoice' VHF radio; Redifon GR 377 DR SSB R/T and a Redifon WK 2182 watch receiver.

The hand hydraulic steer ing is by Styremachin and the installation, both at the wheel and the rudder, is very near and compact. The rudder is a single blade balanced type.

On deck, the four-barre eight-ton Smallwood trawl winch is mounted just aft of the whoelhouse. All the other hydraulics are by South Western Mechanised Fishing Ltd. and include a net drum uit, the headline transducer wire coiler and a Carron power holst on the port un-loading derrick.

Both port and starboard derricks are mounted on the twin posts at each aft corner of the wheelhouse. The post post doubles as the engine exhaust and the small un-loading derricks can be replaced with heavier lerricks for beam trawling.

During the DOT survey this vessel, the inclining the periment indicated that the stability of the vessel easily met the 10 per cent increase required for beam trawlers. This versatile design could find many uses. Already a tug and a service launch are being constructed on similar

ing constructed on similar

The standard of work is reasonable and it is obvious that much thought has gone into the design. With a length of 52ft.; beam of 16ft.3in. and draft 7ft., Lia-O comes out at the comes of the comes out at the co

draft 7ft., Lia-G comes out a just under 25 tons.

One bit of good fortune for Reg Gibb, earlier this year was when he received full compensation for damage to his gear on Sonny Boy resulting from an oil claim. This happened when dispersant drums were dumped following an oil spill from Nacina off the Devon coast.

Sonny Boy is shortly to have a DoT survey, following which she will be up-for sale.

August 13, 1976

Above: Lia-G's fish hold has full headroom and is foam insulated between the hull and GRP hold

lining. Below: visibility is fine through large wheelhouse windows.

FISHING NEWS INBOARD DORY

Devon.

dory has an excellent weight carrying ability (8 in. immersion per ton loading) and so has been found suitable to ferry catches ashore.
A number of the E.S.J.

suitable for general small and additional buoyancy are maximum draft, 5 ft. boat duties, but they can be optional. Basic weight is Poldice has already re-

A RUGGED 18 ft. long steel dory with an in-board engine is now The inboard engine version has been fitted with a Lister SR1MG of 8.75 hp with 2:1; board engine is now SRIMG of 8.75 hp with 2:1 reduction driving a 15 in. Engineering of Salcombe, South protective tunnel.

Previously the company produced a version suitable for being powered by an outboard and the craft met with considerable success.

The standard dory is being used for a number of a number applications — from potting The whole concept is based to collecting mussels. The on simplicity and strength.

The engine, with its own spec'.

fuel tank, can be removed spec'.

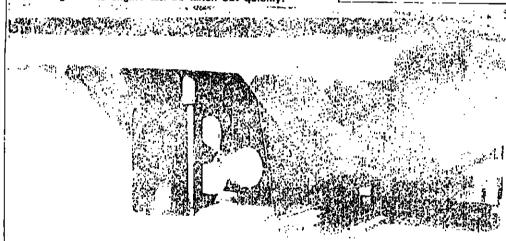
Gary Mitchell of Port
Gary Mevagissey.

E.S.J. Engineering's dory showing the propeller mounted in the protection of a tunnel. The craft can ground without damaging the stern year. The engine can be taken out quickly.

how to fit out the craft and The engine, with its own the hull has been built on

rudder and stern gear for mellon, near Mevagissey, maintenance and painting. Cornwall, has designed the dories are now in use with fish as a beam of 6tt. dory hull which has a waterline farms. Farmers have found has a beam of 6tt. din. and length of 34 ft., maximum that, not only are they draft, 1 ft. 6 in. Side benches breadth, 13 ft. 6 in. and

used as a temporary floating around 16 cwt. and speed un-tank for short-term storage. loaded, five to six knots. south coast and northern south coast and northern ports, also from Sweden. The Swedes, it seems, are attracted by the lower costs



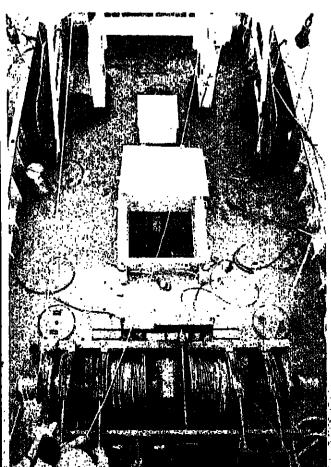


Above: the 52 ft. Lia-G has a tug-shaped hull which gives her exceptional pulling power. Her main engine (below) is a French Baudouin unit of 287 hp. Skipper and owner of Lis-G is Reg

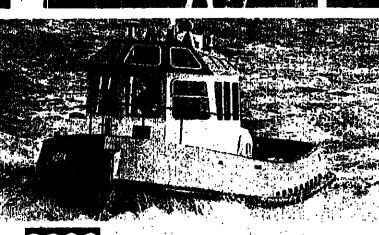
10 m

shalling out 25 per cent of her cost. Right: deck layout of Lia-G. South Western Mechanised Fishing supplied the hydraulics, including net drum, and the trawl winch is by Smallw









South Ocean Services (Commercial Craft) Limited, builds powerful mini-ships for all purposes in steel. Harbour tugs, Stern trawlers, Work Boats, Lighters and sea-going Barges. Approved builders by Lloyd's, Bureau Veritas, White Fish Authority and Crown Agents.

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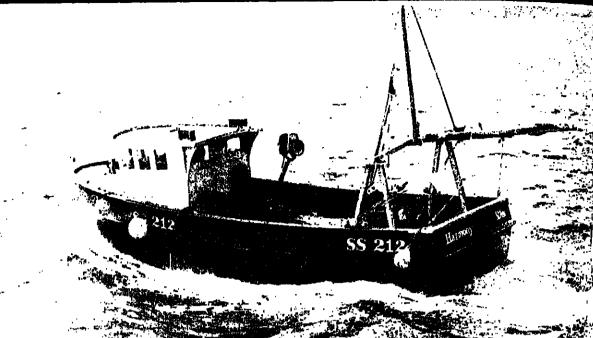
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iver Christensen's Skagen Midwater &... Bottem Trawls.

Welcome to the Sailing out with two new



Ives, Cornwall, fishing boat based on the Freeward Marine 35 GRP hull. She was fitted out by her two St. Ives owners, Dick Pollard and Frank Bottrell.

Fishing News has been out with Harmony on a day's an hydraulic trawl winch so catching crawfish and fishing to see how this home-that Harmony will have the fish.

at first glance. Harmony has lining for mackerel. This results can be made to pay, a purposeful look and it is quires the minimum of Messrs, Pollard and Bottrell

tion will be more rapid. The hull is constructed to a very high standard and compares favourably with other GRP her owners, Dick Pollard and Frank hulls in finish and strength. It was shown bare at the Earls

Harmony is a departure from traditional West Country fishing boats in many respects. Two obvious eatures are the flare and knuckle forward, and the and mizzen aft.

The fine bow sections make this an easily driven hull, whilst the full sections above water give a full bow to provide buoyancy in a head sea. The wide transom allows a large clear aft dack. large, clear aft deck.

The only obstruction on the aft deck is the small, low hatch which gives access to the fish hold. The aft end of this deck has been kept clear by mounting the mizzen sail on top of the steel gantry, giving a clear run to the transom.
I'his makes it much easier to shoot the tangle nets which form a large part of Har-mony's fishing operations.

These are simply shot over the transom and there is nothing for them to foul on. Mooring arrangements aft are kept simple, with a small closed fairlead in the centre closed fairlead in the centre of the transon allowing the aft mooring line to be shackled directly on to an eye on the tish hold hatch coaming. When lying alongside for discharging, the gantry forms a suitable mooring point.

For hauling tangle nots, the hydraulic net hauler on the starboard side just aft of the wheelhouse is more than

built boat behaves under versatility to undertake It can mean a long day, whatever type of fishing is starting at 04.00 and finishing

only close examination that equipment; three hand lines, justify this be welcoming the reveals evidence of home con- one for each crew member. Irredom which fishing their struction. The difference is Harmony is too sophisticated own boat gives them. Seen in such items as the deck beans, which are made from soft wood rather than the which there is a good price so local co-op, which sells all the

iroko which a boatyard would it becomes economical.

After an early morning to fish they can catch. It takes a worked to make a boat pay the boat and this is only likely the boat and this is only likely to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is off to sea to have an effect after many charges; then she is good prices of the control of the contro

Pollard and Frank Bottrell, the confidence to work

pump is used to wash the deck and



muchinery is all important and Harmony, with her main and wing engines, is well

One of the worrying aspect

of lishing these days is the

long hours which have to be

in a short time. In the event of the failure of one engine, Harmony can still fish using the other. Two The first in the series, Emma Goody, was launched in mid-August last year and she has been followed by another 22 hulls/completed engines also bring safety when working close inshore. where an engine failure could result in the boat being swept

The quality of the hull construction fully justifies this sales success, but there are some small details of fitting Harmony is demonstrat that the hard work involved in building your own hoal can pay off. This way you know mit which detract from the otherwise good finished boat. the bent intimately and can One of the latest in the usually pin-point a trouble if

series is April Provider of Salcombe, Devon, which was develored in mid-July. She the first aft wheelhouse GM32 completed by Cygnus, as the previous aft wheelhouse craft was a part-finished boat which cuts the

THE GM32 standard

Falmouth has built up an enviable reputation

A morning's fishing in April Provider fully onstrated the excellent seagoing qualities of this Gary Mitchell-designed hull. Gary Mitchell-designed hull. The boat rides easily in a seaway and is remarkably dry, with only light spray coming aboard and the ocwash through the

The Wiffs Ridley hand hydraulic steering to the single plate balanced rudder is light and positive; the boat turns quickly at both slow and full speed. Directional stability is very good and the boat can be left to her own devices for short spells even in a seaway.

32-footer, as previously a 20-footer, as previously So much for the good deserve.

points, and these are the important characteristics of any WFA grant and loan and the

Ings — a bit more care and attention would make these good boats excellent.

The stern navigation light is mounted about 4 ft. off the deck on the mizzen mast, just at the right height to be knocked when moving gear about the deck.

The fairleads mounted on the top of the bulwark capping on the transom have been fitted the wrong way round, which is not serious as they are unnacessary.

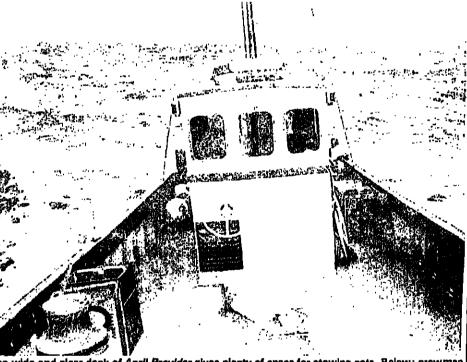
While they are intent on making sure the boat is built to WFA standards, they could perform a very useful service to fishermen by pointing out modifications to builders.

Both owners and builders could benefit from the expertise of the WFA surveyors.

As with any new boat the owner of April Provider, Graham Griffiths and his regular crew Keith Favis, need time to sort out the

fishing boat built by Cygnus Marine near

GRP Westcountry boats



when the boat is lying-to for The wide and clear deck of April Provider gives plenty of space for stowing pots. Below: crewman picking up pots.

The Wills Ridley hand 32-footer, as previously a 20-footer was operated. Keith Farvis takes a crab from a pot. Strings have had to be doubled in length to be worked by a

to receive the attention they

from some of the detail fit-tings — a bit more care While they are intent on mak-and attention would — also construction has been super-tings — bit more care While they are intent on mak-

been fitted the wrong way round, which is not serious as they are unnecessary anyway.

More serious is the placing of the electrical distribution box right alongside the engine air intake vent under the dashboard, where it will be constantly wet. Even after three days use there was corrosion on the terminals.

The pedestal-mounted hauler pass through this and his regular crew Keith Favis, need time to sort out the operation of the boat. Having to double the number lead. The boat is being used width fuel tank and then the engine compartment reaching solely for potting and the solely for potting and the solely for potting and the forward is used as a store. The hydraulic lines to the handle 40 pots at a time. The hydraulic lines to the maintenance.

The engine compartment is Spencer Carter hydraulic space and need to be clipped with her aft wheelhouse and line hauler is up more securely to prevent traditional mizzen.

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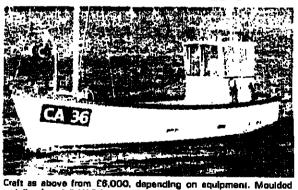
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wheelhouse is more than adequate. This combines with a line hauler for use when Later plans include fitting



fish they can catch. It takes a worked to make a boat pay



THE FIRST two of a triels of the Dopmar 103 were new series of Kelvin recently held aboard the will make their debut Baleine (Skipper Tony at the Plymouth Boat Allen).

Chris Northmore of Show. Known as the Marine Electronic Services, Depmar 100 series, Plymouth, agents for Keyln 131 models.

both will be generally the middle".

heing made for Kelvin sounder to equal the Depmar and the 131 is priced from price range. £330 to £455 and the 103, £640 The transmitted power allows the operator to position frequency and transducer D.B.s.

Ine transducer Initial United Kingdom 40° conical beam.

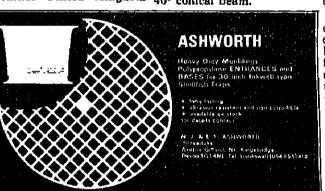
Hughes echo sounders Plymouth angling boat

they are the 103 and Hughes sounders, told Fishing News that usually The sounders will be on the only very powerful sets in the Marine Electronic Services £1,000 to £2,000 price range stand (number eight) and, ac-show a shoal of pilchard as in cording to Kelvin Hughes, Figure ()nc, i.e. the "hole in

available later this year. Priced at £710 installed.
The Depmar 100 series is he said there is certainly no Hughes by Honda in Japan 103's performance in this

to £680 (price depends on the under water is high at 109 the sea bed echo where he can per minute shallow, or 1/3 in. tegral hull gland, is easily and 39W respectively.

The transducer cone has a





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POLDICE MARINE.

Truro, Cornwall

Contact: Bert Clay

White line

the display unit, the set can be easily removed for ser-

warm-up period.

The eight depth scales are

0-40 fathoms: 35-75 fathoms:

65-105 fathoms; 100-140

Telex. 45241

sounders will be on show at Plymouth, The Depmar 131 (left) and the 103 (right), which has already been

These two new

fitted to West

When changing ranges, this Very good ground disdelaying transmission.

Immediate conversion of fathoms to metres is possible and vice-versa. One model suits a range of voltages, enabling the set to be switched to any vessel.

Weight of the unit is 35lb, and the integral hull gland is 5 in, overall dimensions are; height long with an external diameter of 7/8 in. The alternative 50 KHz transducer is available for steel vessels.

The Teignmouth vessel.

The Teignmouth vessel Hendrickye Margaretha has been fitted with a 50 KHz version for bottom fishing and With plugs on all wiring to headline transducer.

vicing. A fully adjustable white line control is situated Marshall, has just had a unit roady market. display unit's front fitted. She trawls in summer The Depmar 131 has six 4 in. chart recording lasher 1.2 amps at 24V or 2.2 amps 12V. Power output is more

special feature is the 0-80 fathoms; 70-150 such as Falmouth, for trawl- frequency; 50 KHz or 200

see it rather than, following a per minute, deep setting. litted to any wooden or GRP range change, right at the top of the screen.

Operating frequency is 50 hull. The transducer fairing is KHz, or 200 KHz, and record approximately 51 in. long. 3 ing is on 6 in, wide dry paper. in, wide and 2 in, deep, and Weight of the unit is 35lb, and the integral hull gland is 5 in.

Ready market

The Depmar 103 incorporates all the good features a 200 KHz version with of previous sounders plus many of its own. Competi- but the 103 with its larger, A Cornish vessel, Terenc of tively priced it will - even in wide, chart will probable St. Mawes skippered by John in these hard times - find a

and lines for mackerel in recorder ranges covering 0 to scale operation, makes it winter. Her skipper is in no 120 fathous, with appossible to save paper when doubt the unit will be in-propriate sounding rates and running for long periods. valuable in locating winter pulse lengths; and two flasher shoals and the very good (L.E.D.) ranges: 0 to 10 and 0

"bottom anywhere" control. fathoms; 130-210 fathoms; ing. KHz, and operates from a When changing ranges, this 200-280 fathoms; The compact transducer, 12V, 24V or 32V d.c. supply, allows the operator to position Paper speed us 2 in. to 3 in. with its bronze fairing and incompact transducer. Consumption being 12W, 29W

The recorder is 84 in high 111 in, wide, 6 in deep and weighs 144 lb.

The small transducer is a proximately 3) in long 2) in integral hull gland is 6 in. long with an external diameter of in. As with the 103, the any wooden or GRP hull ulternative transducers for steel vessels are available.

Both models can be used for mavigation and fishing find favour with fishermen The 131, with the alternative

Marine Electronic Services can be contacted at: 61a Ehrington Street, Plymouth,



three (below) is the all-important West Country mackerel.

ドドイラス 中国の間代表の アップ・ラード 日本の 神 (中) 年後 日本の

played. The range covers from 20-1,500hp. A new ex-

NATIONAL

from branches around

Plymouth will be manning

tickets for a dinghy, generous ly presented each year by

INTERNATIONAL YACHT

visory service is manned by

of anti-corrosive and anti

SEABOURNE ELECT- control is the latest develop-RONICS LTD. The Wesmar ment by Calstock and there 220 sonar will be available for inspection in the West Country for the first time. Including patented. A technical addroic gear on this stand is a on engine problems, in-Koden cableless net monitor stallations and repairs. and Sperry 127 radar. The company will also take the A. RAY BURN opportunity to have on display its new general manager, Engines from Baudouin and Eric Paule, who has just join- Thornycroft will be dis-

TREEVE MARINE LTD. A first time look at the new Treeve 15 GRP hull designed by Gary Mitchell of Mcvagissey. With a length of 15ft. 6in., bean 6ft. 6in. and draught, 1ft. 6in., this hull is described as being well crab firm of Browse Bros. described as being well crab firm of Browso Bros. suited for cove work, large Paignton. Among a wide enough for open seas yet range of fishing equipment small enough for trailing, featured will be: Teleflex Built to Lloyds and WFA Morso engine and steering specification, these hulls are controls, Smallwood offered with fore or aft hydraulic deck machinery wheelhouse, cuddy or as an and PRM gearboxes. open boat with foredeck.

SPENCER CARTER, Well LIFEBOAT INSTITUTION known for its mackerel A selection of photographs lishing gear, this engineering will show the RNLI's work in lishing gear, this engineering firm will be showing for the saving life at sea. The first time a new range of Plymouth Ladies' Lifeboat hydraulic-powered deck Guild will, once again, be sellequipment. This includes ing a wide range of souvenirs capstans, line haulers and which helped swell income capstans, line haulers and line hauler/capstan units. A last year — all from volun-complementary range of lary contributions — to over pumps, reservoirs, control Com. At the same time, valves, otc., will also be dis-groups of voluntary workers played. Hand operated mackerel gurdies, stripping devices and a hydraulic gurdy the stand and selling raffle will complete the display. Stephen Carter and Michael Spencer will be on hand to answer technical questions. Ltd. of Plymouth. A drive is

answer technical questions. MARINE ELECTRONIC Institution's Membership SERVICES. A feature of this Scheme, whereby those display will be a range of new echo sounders marketed by the lifeboat service could Kelvin Hughes. There are two become members of basic models, the Depmar Shoreline at a cost of £3 per 103 (see opposite page) and year. There are currently in the smaller 131. Both excess of 31,000 members and it is based during the page sounders are manufactured in Japan and can he used with 12, 24 or 32V supplies. Also on display will be a new range of Webasto boat heaters and a mean that a 37ft. 'Rother' self-tensioning hydraulic class lifeboat named transducer cable winch comete with a remote control unt. Other products available INTERNATIONAL YACHI for inspection will include: PAINTS. A new mobile ad radar, vhf and seb radio telephones, automatic direc- specialists to give guidance to tion finder, autopilot, distress boat owners on painting equipment and yacht problems. Tough quality navigational aids.

SKENTELBERY & SON fouling paints for the protection of each area of a boat and 24' GRP hull will be on display. The first of these hulls built by the first of these hulls built by the first of these hulls all types of construction. New products include Interpolation and the state of the products include Interpolation and the state of the products include Interpolation and the state of the protection of th uilt by the firm with White national's low density filler— Fish Authority grant and loan was completed recently for a modern approach to glass fibre boat profiling, reducing was completed recently for a fibre boat proming, reducing the weight of normal fillers. Weish fisherman and the craft is powered by a slip deck finish, ensuring a Mercades engine producing Mercedes engine producing slip deck mman, one-time 46hp. With a length of 23ft. Sin. and beam, 8ft. 4in., she coatings include convenhas. desnite her small size. proved a very stable sea-boat. The hull has a moderately into a firm bilge amidships, and then to a full transom stem.

CALSTOCK MARINE MONOCHORUM Manufac-SERVICES. A range of turing Co. GRP hulls and cluding Lister, BLMC 3.8 played. The well-known and on a Ford unit. Bamford hylon propellers as well as ad hulls can be inspected. nylon propellers as well as ed hulls can be inspected, garboxes and spares from plus a range of the small Sabb hibligd. A propellers be excepted as excepted as excepted as the small sabb diesel engines which are available from eight to 30 hp. ad. A press-button gear available from eight to 30 hp.

will be an advance view of

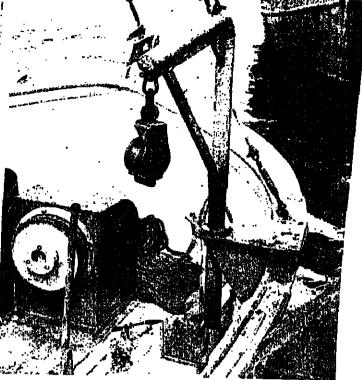
THE West Country Boat Show opens tomorrow (Saturday) in Plymouth. Although this exhibition takes in pleasure boating, there are enough well known names taking part to make a visit by commercial fishermen worthwhile. The show runs from August 14-21 inclusive. Opening times are 10.30-7 p.m. (except for Sunday when it's a 1.30 p.m. start). Admission 30p, children 15p. Organisers are the Plymouth Incorporated Chamber of Commerce.

Difficult conditions in the fishing industry demand tough equipment, and Kelvin diesels have always responded magnificently to the

But conditions in fishing today mean that what were once good reasons for choosing Kelvin are now even better reasons.

Reliability, economy and easy maintenance mean that more of the profits are going to you, not going to keep your diesels going.

Sturdy construction and generous metal tolerances, allied with low-revving characteristics, spell exceptionally long-life.



The new Celtic Slave pot hauler will be on the A Ray Burn stand (number 23). One of the first units is seen fitted aboard the grabber Silver Spray // (Skipper Terry Ekers).

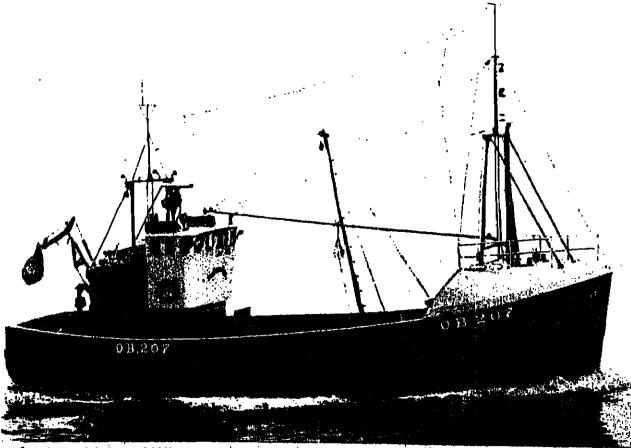
Compact design means that the engines take up less room, leaving more room for the

If you suspect there should be more profit in fishing, then perhaps you're using the wrong

Try Kelvin, and sec.



Today, more than ever, you need Kelvin diesels.



M.F.V. DEFIANT a 65 ft. wooden hulled fishing versel powered by an 8-cylinder TASC8 Kelvin Diesel developing 415 thp, This vessel of Transom-sterned design with a brane on the work of Transom-sterned design with a



Kelvin Diesels, 254 Dobbies Loan, Glasgow G4 0JL Telephone 041-332 1266

SUCCESSRUL SKIPPERS

FISHING NEWS

D. Spivey), 1783k, I, 21 days.

Beamish), 1698k, I, 21 days.

(Sk. W. Rawcliff), 1771k, 21 days.

230,507: Boston Explorer, Boston

(Sk. W. Anderson), 1244k, 21 days.

W. Spearpoint), 736k, 12 days.

27,236: Andrew Wilson, Hazael (Sk. son), 10,445kl,

£58.224:

GRIMSBY, Distant water

£43,279: Vivaria, BUT (Sk. R. Rurz), 1,830k, 1, 21 days.

£39,380: Ross Revenge, BUT (Sk. R. Pepper), 1,530k, I, 19 days.

£37,902: Boston Phantom, Boston (Sk. T. Smith), 1,655k, I, 22 days.

£32,815: Carlisle, Consol (Sk. K. Heron), 1,313k, I, 22 days.

£32,038: £315 akar Carol (Sk. K. Heron), 1,313k, I, 22 days. Kurz), 1,830k, I, 21 days. E32,038: Gillingham, Consol (Sk. J. Loades), 1,177k, WS, 21 days. £26,007: Aldershot, Consol (Sk. A. Call), 976k, I, 19 days. £25,002; Ross Kelly, BUT (Sk. P. Phillipson), 1,252k, IW, 22 days. £16,501; Ross Khartoum, BUT (Sk. E. Hall), 875k, WS, 22 days.

E19,904: Ross Civet, BUT (Sk. A. £36,148: Falstaff, BUT (Sk. D. Redpath), 897k, FW, 16 days. E17,745: Ross Cougar, BUT (Sk. J. £27,191: Arctic Vandal, Boyd (Sk. £17,745: Ross Cougar, BUT (Sk. J. £27,191: Arctic Vandal, Boyd (Sk. Major), 1,023k, W, 13 days.
£16,780: Yesso, Taylor (Sk. P. £22,030: St. Giles, Hamling (Sk. A. Brown), 927k, W, 16 days.
£16,152: Okino, Taylor (Sk. G. Smith), 724k, FW, 16 days.

£13,711: Ross Leopard, BUT (Sk. B. £43,622: Jacinta, Marr (Sk. B. Collett), 666k, FW, 15 days.

E13,711: Ross Leopard, BUT (Sk. B. £43,622: Jacinta, Marr (Sk. B. Birley), 1842k, I, 18 days.

£6,855; Loveden, Lindsey (Sk. G. Ireland), 215k, NS, 13 days.

27,148: Suromaa, Sleight (Sk. M. Visholme), 248k, NS, 14 days. 26,526: Reef Bank, Sleight (Sk. P. £6,526: Reef Bank, Sleight (Sk. P. Host), 219k, NS, 14 days.
£6,484: Dalma, Sleight (Sk. K. Jorgensen), 185k, NS, 15 days.
£6,369: Island, Sleight (Sk. T. Potter), 233k, NS, 17 days.
£6,080: Beverley, Allard Hewson (Sk. J. Stringer), 211k, NS, 15 days.
£5,607: Arcona Bay, Arcona (Sk. E. Thomsen), 182k, NS, 13 days.
£5,233: Lairlochie, Sleight (Sk. J. Wyre Defence, Wyre (Sk. T. Watson), 182k, NS, 13 days.
£5,233: Lairlochie, Sleight (Sk. J. Wyre Revenge, Wyre (Sk. W. Spearpoint), 736k, 12 days.
£8,771: Wyre Revenge, Wyre (Sk. Morse), 13,989kl.
£3,760: Starella, Irvin (Sk. T. Schott: Christine Neitsen, Irvin (Sk. T. C. Ellis), 16,225kl.
£5,391: Starella, Irvin (Sk. T. Schott: Christine Neitsen, Irvin (Sk. T. Johnstein), 13,145kl.
£5,391: Starella, Irvin (Sk. T. Schott: Christine Neitsen, Irvin (Sk. T. C. Ellis), 16,225kl.
£5,391: Starella, Irvin (Sk. T. Schott: Christine Neitsen, Irvin (Sk. T. Schott: Christine Neitsen, Irvin (Sk. T. C. Ellis), 16,225kl.
£5,391: Starella, Irvin (Sk. T. Schott: Christine Neitsen, Irvin (Sk. T. C. Ellis), 16,225kl.
£5,391: Starella, Irvin (Sk. T. Schott: Christine Neitsen, Irvin (Sk. T. C. Ellis), 16,225kl.
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£5,391: Starella, Irvin (Sk. T. Schott: Christine Neitsen, Irvin (Sk. T. C. Ellis), 16,225kl.
£5,391: Starella, Irvin (Sk. T. Schott: C. Ellis), 16,225kl.
£5,391: Starella, Irvin (Sk. T. Schott: Christine Neitsen, Irvin (Sk. T. C. Ellis), 16,225kl.
£5,391: Starella, Irvin (Sk. T. Schott: Christine Neitsen, Irvin (Sk. T. C. Ellis), 13,115kl, 1 day.
£5,023: Valhalla, A.F. (Sk. D. Schott: Christine Neitsen, Irvin (Sk. T. C. Ellis), 13,115kl, 1 day.
£5,023: Valhalla, A.F. (Sk. D. Schott: Christine Neitsen, Irvin (Sk. T. Sc

£11,601: Shawnee, (Sk. D. Brown), W. Thompson), 327k, 13 days.
409k, and £11,033: Mohave, (Sk. B. £7,038: David Wilson, Hazael (Sk. MILFORD HAVEN Almond), 434k, both Sleight, W, 16 J. Banks), 443k, 12 days.

£4,739: Picton S £10,022: Samantha, (Sk. H. Noble), 363k, 12 days.

Thinnesen), 321k, and 29,488: Ting. (Sk. P. Thinnesen), 297k, both Richardson, NS, 13 days.

Near water £6,345: Re El0,638: Golden Venture, (Sk. P. days. Pulfrey), 437k, and £8,819: £5,369: Resound, Ward 318k, 13 Reynolds), 101k, 13 days. Shanderborg, (Sk. P. Scott), 346k, days.
both John R. NS, 11 days.
£2,825: Forrards, Ward 117k, 12
£9,856: Grenaa Star, (Sk. B. Host), days. Skanderborg, (Sk. P. Scott), 940k, usys.

both John R. NS, 11 days.

£2,825: Forrards, Ward 117k, 12

£9,856: Grenaa Star, (Sk. B. Host), days.
386k, and £8,129: Grenaa Pearl.

£2,252: Resilience, Ward 119k, 12

(Sk. M. Potterton), 304k, both days.

£1 558- Peter Loumand. Ward 61k.

KEY: I iceland; F Farce Islands; W Westerlies; homemarket, 10 tonnes at £10, NC Norway Coast; HW Home Waters; is Irish Sea; S Shetland; Sk. Skipper; k kits; c cwt.: kits.

Sea; S Shetland; Sk. Skipper; k kits; c cwt.: kits.

232,264: Ben Lui, Irvin (Sk. D. Nelson), 1,949k, BI, 22 days. #22,229: Grampian Monarch, North Star (Sk. R. Catto), 1,365k, I, 16 £8,363; Trendsetter, (8k. M days. £16,362: Jasmin, Wood Group (Sk. Jensen), 314k, and £8,202: Athabasca, (Sk. A. Albrechtsen), 309k, both Sleight, NS, 14 days. £5,964: Ellen, (Sk. A. Thinnesen),

E. Barker), 998k, F. 12 days. £14,672: Ben Meidie, Irvin (Sk. G. Baxter), 819k, F, 15 days. £13,678: Glen Coe, Marr (Sk. J. Glas Jnr.) 959k, F, 12 days. £13,471: Birchlea, BUT (Sk. J. Taylor), 735k, F, 13 days.

Hammond Innes, LOWESTOFT

Newington, (Sk. B. Taylor), 2597k, £44,662: Ross Canaveral, BUT (Sk. £40,402; Ross Otranto, BUT (Sk. B. Owbridge), 1462k, I, 23 days. g39,428: Benella, Marr (Sk. R.

Birley), 1842k, I, 18 days. £41,812: Luneda, Marr (Sk. W. Reader), 1806k, I, 18 days. £37,705: Boston Blenheim, Boston

E10,305: Christine Neilsen, Irvin cured dry haddocks, £6.60; dry per lb. (Sk. C. Ellis), 27,314kl. £8,958: Ben Strome, Irvin (Sk. E. Williams), 30, 451kl, NS, 15 days. £7,038: Lindisfarne, Irvin (Sk. J. Bailey), 18,530kl. £5,662: Lindisfarne, Irvin (Sk. J. Bailey), 15,730kl.

Bailey), 15,730kl. £5,567: Christine Neilsen, Irvin (Sk.

J. Banks), 443k, 12 days, 13,584: Granton Osprey, (Sk. B. £6,345: Replenish, Ward 441k, 13 Simpson) 127k, 8 days.

222.25/282.10; shelf haddock, 211.50/233; coley 211/215.25; bargylta, 27/214.25; plaice, 222/241.25; halibut, 288/247.

LOWESTOFT
Prices: cod, £25/£35; codling, £14.50/£37; large turbot, £100/£114; small turbot, £60/£56; sibrill, £40, lemon sole, £43/£46; large plaice, £34/£40; medium plaice, £35/£40; small plaice, £33/£38; dabs, £11/£28; whiting, £14/£20; large haddock, £27/£34; small haddock, £11.50/£19; dogfish, £38/£40; catfish, £15/£18; monkfish, £50; gurnards, £7; per 10 stone kit.

Prices; soles, £10.50; large plaice, £3.80; medium, £4/£4.20; turbot, £10.50; large whiting, £2; small, 70p; large lemon, sole, £6.25; Dover sole, £18.80; brill, £6; squid, £4.40; monkfish, £3.50; roker, dabs, £3; conger, £1.20, per stone soallops, £1.05, per dozen.

EYEMOUTH Prices: cod, £10/£14; small whiting, £12/£14; medium, £13.80/£15; per 7st kit; sole, £4, per stone; orab £5.40/£4.50, per box; lobster, £1.50, per lb.

SATURDAY, AUGUST 7

August 13, 1976

Prices: large haddock, £13-£1.40; best, £3.80/£4.20; small fr/£9.50; coley, £17/£18; cod and sprag. £20/£24; whiting, £7.50/£10.40; coley, £8/£8; monkfish, £3.25; mackerel, £4/£7.60 from seven pursers.

BILLINGSGATE

ON TUESDAY 211 tones were delivered. Average selling prices on merchants' stalls, Salmon, English, £1.75/£2.45; Scotch, £1.75/£2.45; Irish, £1.75/£2.46; SIELLFISH English, £1.75/£2.45; Scotch, £1.75/£2.45; Irish, £1.75/£2.45; Grilse, Irish, £1.20/£1.45, Scotch, £1/£1.65; salmon trout, \$5p/£1.40; rainbow trout, 55p/£0p; soles, tongues, 40p/50p; slips, 60p/70p; medium £1.60; large, £1.25/£1.45; cels, 75p/£0p; loreign snoked salmon, £2, per lb; large turbot, £11.90/£13.30; medium, £7.70/£9.10; small, £4.20/£5.60; large brill, £6.72/£7; medium £4.90/£6.30; small, £2.10/£2.80; English plaice, £110/£2.80; FROXEN FISH ATLANTIC NA salmon, £23;

HERRING REPORT

THURSDAY, AUGUST 5 Lerwick: seven pursors, 80
tonnes; homemarket, 16 tonnes
at £11.40/£11.90, curing, 23
tonnes at £11.70/£12.30. Regular
tonnes at £11.70/£12.30. Regular
to slightly mixed, 230/260 per
50kg. Mallaig: two pursers, 49
tonnes, two trawlers, 18 tonnes; homemarket at £13.60
tonnes, two trawlers, 18 tonnes; homemarket at £13.60
£57/300 per 50kg. North
\$5hiclds: ten trawlers, 44
£12.60/£18, pet food, 35 tonnes at
£4/£4.20. Uniform to mixed in
size, 190/350 per 50kg. Ayr:
seven trawlors, 17 tonnes;
homemarket
£13.80/£16.70. Full fish in spawning condition 265/300 per 50kg.

13.80/£16.70. Full fish in spawning condition 265/300 per 50kg. Lerwick: seven pursors, 80 Eyemouth: six trawlers, seven trawlors, 17 tonnes; homemarket 17 tonnes at £15.80/£32.80. Full fish, hand

ES, 760: Starella, Irvin (Sk. T. Johnson), 10,445kl.

MILFORD HAVEN

£4,739: Picton Sea Eagle, Norrard (Sk. J. Donovan) 165k, 13 days.
£3,727: Picton Sealion, Norrard (Sk. T. Salter), 123k, 13 days.
£3,380: Rosevear, Norrard (Sk. A. Simpson) 127k, 8 days.
£3,306: Westerdale, (Sk. F. Reynolds), 101k, 13 days.

KEY: I iceland; F Farce Islands; W Westerlies; Norway Coast; HW Home Waters; 18 Irlsh Nes; S Shetland; Sk. Skipper; k kits; c cwt; kits.

Stability depends HOPES RISE OF APPROVAL FOR THE FISHING industry could be approaching a period of greater stability' than it has known for some time. However, this depends on the satisfactory outcome of international negotian international negotian international negotian international negotian save the Team. Table FISHING NEWS HOPES RISE OF APPROVAL FOR CRAB PLANT A CRAB processing plant at Loce, which has been operating without planning consent for four years, is a step nearer to getting official approval content. He wanted a new goars, is a step nearer to getting official approval content. He wanted a four years is a step nearer to getting official approval. At a masting of Caradon are well as the content of t

satisfactory outcome of international negotiations, says the Torry Research Station in its

programme is growing as

Last year Torry carried out yield of edible flesh. a wide range of work in-cluding the study of problems of colour, texture and flavour, however, which polyphosphates. These are widely used in the UK food industry and are frequently used for treating fish for freezing to reduce drip in

Such treatment can lead to a gain in weight by the fish. caused mostly by uptake of water. In view of the current concern about added water in foods, a study was made to ed kipper products can be find out if it was possible to produced in flexible pouches. distinguish fish which has been polyphosphated.

When pieces of fish are with canned products and, treated by dipping them in a although the bones are polyphosphate solution, the commonest method of flavour, which is unacceptable to application. application, the phosphate table content of a thin surface layer sent. is compared with the bulk of the flesh, a significant are different sent. treated samples. No such difference occurs in untreated

successfully applied to fillets, laminated blocks made from fillets, and fish fingers made from such blocks, and also to

tsw) which offers a number of Un the same day there was cooling than ice in some circumstances, and fish are less liable to crushing.

Some disadvantages, however are that are less landed a total of 80 of cod, 25 however are that are less landed a total of 80 of cod, 25 however are that are less landed a total of 80 of cod, 25 however are that are less landed a total of 80 of cod, 25 however are that are less landed a total of 80 of cod, 25 however are that are less landed a total of 80 of cod, 25 however are that are less landed a total of 80 of cod, 25 however are that are less landed a total of 80 of cod, 25 however are that are less landed a total of 80 of cod, 25 however are that are less landed a total of 80 of cod, 25 however are that are less landed a total of 80 of cod, 25 however are landed at the landed a total of 80 of cod, 25 however are landed at the landed a total of 80 of cod, 25 however are landed at the landed a total of 80 of cod, 25 however are landed at the landed a total of 80 of cod, 25 however are landed at the landed a total of 80 of cod, 25 however are landed at the landed a total of 80 of cod, 25 however are landed at the landed at the landed a total of 80 of cod, 25 however are landed at the landed at

There are considerable while.

ly applied and enforced and do not place an intolerable burden on the manufacturers. This side of Torry's skin and bones and this drying during smoking, drying rate for any size of technique offers a means of prompted the question of load between certain limits ment Services Department to significantly increasing the whether fully automated and terminates the process at investigate the complaints. smoking would be worth the appropriate chosen

and flavour, however, which at present limit the outlets for minces, and much of Torry's effort in this field is,

At a meeting of Caradon

The applicant, Ray Petipher, the committee was reminded, had his applica-The result was a series of

Research Station in its annual report for 1975.

Food safety and consumer protection is an increasingly important topic for Torry. It is necessary that the consumer should be provided with good, sound fish and that the should be protected from fraud.

However, regulations must he such that they can be easily an annual report for 1975.

Automation might prove difficult, however, since although the rate of drying determines the time taken to smoke fish, and it is from this point of view worth doing the washed out look which arises from its prolonged immersion in water.

However, regulations must he such that they can be easily and the such that the such that they can be easily and the such that they can be such that they can be such that they

produced a petition signed by 362 people in support of his the council estate.

GEAR AND MAINTENANCE PRODUCTS AT COMPETITIVE PRICES

Delmar lobater & prewn creeks. Dunlop liferafis & inflatables Servi hydraulic steering goer Felco wire cutters — enemometers Anodes — blocks — winches Catalytic (no fleme) gas heaters Poly rope — all types & sizes PVC & nylon hose — all

diameters
Little Ship paints & antiforilings.
Bondife caulking rubber/sealant. Spinnaker varialsh — Arafdite. Aurollis —
Nitromora — Guprinol Bilges — paint brushes etc.
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amount of the catch currently The method has so far been accessfully applied to fillets.

Some of the factors that might limit the usefulness of the method, such as glazing after freezing, delays between last week with polyphosphating and freezing and washing of fillets before treatment, are now heing.

THERE were some top kits, including 50 of cod, 20 of whitings, 25 of roker, three of turbot and brill, and two of soles which sold for £3,727.

therefore, directed to

developing ways in which these important qualities can be modified.

In work done in collabora-

tion with the Metal Box Co.,

it has been shown that sterilis

Heat processing times are

considerably shorter than

table to some people, is ab Although accurate figures

are not available for the

treatment, are now being studied.

Torry also studied the effects of chilled and refrigerated sea water (csw or rsw) which affects of the sea water (csw or rsw) which affects of the sea water (csw or rsw) which affects of the sea water (csw or rsw) which affects of the sea water (csw or rsw) which affects of the sea water (csw or rsw) which affects of the sea water (csw or rsw) which affects of the sea water (csw or rsw) which affects of the week was pictured.

advantages over ice for a big grossing for the pocket holding fish at sea or on trawler Westerdale (Skipper shore, it requires less labour, it can require the same day alone was a big grossing for the pocket a big grossing for the pocket are shored. provide more rapid tinued her recent run

ALL SHELLFISH

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COLD SMOKING All white fish fillets, Finnans, Bioaters. Kippers, Salmon Fillets, Oysters,

HOT SMOKING Buckling. Mackarel, Trout, Sprate, Smokles, Sausages, Chickens, Turkeys, Eels, etc.

Simple to operate - full instructions provided

THE 46-ton Allard, Hewson & Co. Ltd. seiner Viscaria (above) of

Grimsby has received the first eafaty certificate issued by the Department of Trade and Industry under Fishing Vessels (Safety

Viscaria, built at Halso, Sweden, in 1935, was one of the first

Grimsby vessels to come up for survey at the port under the new legislation and David Johnson, superintendent engineer for her

owners, told Fishing News the work had taken roughly aix

Now for the first time surinjeture version of the suitomatic "Torry" Smoking Kiln as used by all the major fish processing interests throughout the world is made available to the individual user. SEND FOR BROCHURE NOW

AFOS LIMITED, Dept. FTX, Manor Estate, Anlaby, Hull, E. Yorks, England

HUMBER VESSELS DUE

GRIMSBY
Expected during the week from Civet, Ross Cheetch, Ross Tiger, Iceland: Barnsley, Belgaum, Lopanto.
Lord Jallicoe, Northern Reward, Northern Gift, Prince Philip, Vessels expected during the Spurs, Vianaua, From Faroes and Westerly: Blackburn Rovers, Forester, Kingston Beryl, Ross Lucern, Kyoto, Rhodesian, Ross Leonis, Ross Orion, Ross Sirius, Juno, Ross Genet, Ross Kashmir, Loch Eribott.

PORT MARKETS

MONDAY AUGUST 9

E3.80/£4.30; best small, £3/£5.80; prices: cod, £17/£18.80; sprage, cod and codling, tonnes, homemarkst, ten tonnes at £17.50/£17.80; medium codling, monklish, £4.20/£3.10; whiting, £1.30/£1.90; at £10.50/£17, klondyking, 42 at £10.50/£1.70; £8.55. Uniform to mixed in size, 12 at £10.50/£2.10; at £10/£2.10; at £10/£2.

size, soft, 280/300 per 50kg, Stornoway: two drifters, 15 tonnes; homemarket, 15 tonnes at 214/215.10. Large fulls, 250 per 50kg. Mailaig: two trawlers, 12 tonnes; homemarket, 12 tonnes at 212/40/216.20. Uniform to mixed in size, 235/290 per 50kg. Ayr: ten trawlers, 16 tonnes; homemarket, 16 tonnes at 216/234. Mainly full fish, hand selected, 230/370 per 50kg. Tarbert: four trawlers, seven tonnes; homemarket, 6ur tonnes at 27.50/213.40, pet food, three tonnes at 24. Hand selected, 170/435 per 50kg. Fraserburgh: three pursers, 109 tonnes; homemarket, 98 tonnes at 21.0.50/214, klondyking, 11 tonnes at 211/213, Full fish, soft, 270/310 per 50kg.

TUESDAY, AUGUST 10

Some disadvantages, however, are that unless special precautions are taken to ensure adequate circulation of water, warm spots may remain where spoilage will take place rapidly.

Observations were made on vessels with csw and rsw tanks, and as a result, practical and detailed advice on installations on fishing boats are taken to ensure adequate circulation of water, warm spots and 10 of soles.

Later in the week there were two good grossings for Rosevear and Picton Sealion after trips of only eight days.

Rosevear (Skipper Alex Cluding 80 of cod, 20 of whitings, 20 of roker, two of turbot and brill, three of plaice and three of soles. can now be given.

Experiments with North Sea cod at Torry have shown that considerable extensions

Plaice and three or solven, which sold for 23,880.

Picton Sealion (Skipper Trevor Salter) landed 128

Daily Consignments Required

SUCCESSFUL SKIPPERS

Continued from Page 30

VESSELS FOR SALE

地流

TRAWLER "Royela" built 1961,

MFV "BABIECA"

(New Fishing Vessel completed May 1976)

0 ---

33.6ft. x 11.7ft. x 4.75ft., Ford 6D 115hp 2:1 reduction PRM. Vetus hydraulic steering, PNP Duerr power bollerd, Decca Super 050

Reason for sale owner infirm.

Price quick sale £12,500

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and Lossie power block. Quantity gear available with vessel.

On hire: Decca Navigator Mk21, Kelvi Hughes VHF., Elac Sounder.

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onics boat's property: Sea redar, Sailor R/T.

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VESSELS FOR SALE FOR SALE BY PRIVATE BARGAIN Fishing Vessel

M.B. "CHRISTELLA" (FR. 96)

FOR sale by private treaty converted N.V., 50ft, x 45ft, x 13ft, x 5ft, after hold, takes mini car, 120hp Parman 3gph hydraulic steering, full instrumentation, good sea boat, timber, Milier of Monanca 1940. Telephone: Brentwood 211283. MR "Encounter" (UL77). Stern Trawler, built of wood, clinker, by J. MaCaughey, Wick 1972. Length 18.6ft., length of keel 35.5ft., length overall 39.6ft., breadth 15.5ft., depth 6.5ft., tonnage 18.5b. Ruston Lister dlesol 88hp 3:1 reduction gear, Brixham 1/1 ton trawl winch, Evanton pot hauler new 1974. Sallor R/T, Simrad EY erho sounder new 1974. On hire,

EY orho sounder new 1974. On hire, liveca Navigator Mk. 12, K.H. radar type 17, Sailor VHF installed 1976. Calor gas cooking, s/s sink unit, oil fired heating in four-berth forecastle. Bust and nil machinery in first-class condition and maintained to a high standard. To be sold with vessel, two sols trawl doprs, one 40, 6ig., one 5ft., two 400 bobbin trawls, Cosait, one practically new one 420 prawn/fish

Decca Navigator Mk. 12, K.H. radar type 17, Sailor VHF installed 1976.
Calor gas cooking, s/s sink unit, oil fired heating in four-berth forecastle.
Binat and all machinery in first-class condition and maintained to a high standard. To be sold with vessel, two solts trawl dopps, one 4ft. 6in., one 5ft., two 400 bobbin trawls, Cossit, one practically new, one 420 prawn/fish trawl. Cossit, one Duthis flab trawl. The yearsal is presently thing tout Lochinver, where viewing can be arranged by contacting the subscribers Lochinver, there will be subscribers Lochinver, there will be subscribers Lochinver, by Leirg. Telephone
228 and 258.

1956 BUTCH beam trawler, 74ft. Sin., x 18ft. 4in. x 9ft. 4in., steel construction, approx 69 gross tons, with 1067 (overhauded 1871) five-cylinder Krombout disease arranged to the subscribers and 25ft. Sin. x 18ft. 4in. x 9ft. 4in., steel construction, approx 69 gross tons, with 1067 (overhauded 1871) five-cylinder Krombout disease arranged to the subscribers and 25ft. Sin. x 18ft. 4in. x 9ft. 4in., steel construction, approx 69 gross tons, with 1067 (overhauded 1871) five-cylinder Krombout disease arranged to the subscribers and 25ft. Sin. x 18ft. 4in. x 9ft. 4in., steel construction, approx 69 gross tons, with 1067 (overhauded 1871) five-cylinder Krombout disease arranged to the subscribers and 25ft.

1956 DUTTCH beam trawler, 74ft.

19in. x 18ft. 4in. x 9ft. 4in., steel construction, approx 69 gross tons, with 1967 (overhauled 1971) five-cylinder Kromhout diesel engine type F240, 336bbp, Bravo gearbox, reduction 2.5:1, six bertis, aft wheelhouse, fish hold approx 16 tons, Kelvin Hughes radar, Becker radio telephone, two echo sounders, offers around 289,000.

Telephone: 01 568 3321. Mr. Les.

"SPLENDOUR" PD 281

The vessel is well maintained and had a major renewal in 1971 when the deck from the fore-end of the wheelhouse forward to the stem was completely renewed and steel hearm fitted. The vessel is fitted with a 824 hg Gardine rengine, 190, power block timatalled 1972), Lossie seino net winch (completely overhauled in 1973 at a crest of 41 (888), new GG pairing installed 1875, step-up hox and renewed in 1975. The servel is fitted with modern fish finding and navigational aids. She will be said with a quantity of seine net gear and is lying in Pracerburgh Barbour where she may be impected by arrangement with CALEY FISHERIES GROUP LTD., It HARBOUR STREET, PITTERHIEAD. Telephone number 2415, with whom offers should be builted.

Length registered 84ft., overali 70.3ft., breadth 19.6ft., depth 8.8ft., tonnage gross and nett 49.87, built by W. Noble & Co., Fraserburgh. Fitted with Volvo 320hp engine and Pertina 50hp auxiliary 1974. New deckhouse and whateback 1970, Rapp pawer block, Tenjford stearing, Sutherland six speed selne net winch and coiler.

channel Vir., Decks 227 ranks boats property.
Deces Navigator, Furuna echo sounder with bottom lock on hire.
Quantity of saine net gear and sprattrawi gear to go with vessel.
Meantime Shing from Fraserburgh where inspection only be carried out on application to:
Geo. Walker & Sons (FR) Ltd., 119
Bhore Street, Fraserburgh with whome offers should be lodged.
Telephone 3211.



GALVANISED steel built well-decked fishing boat, 28ft. z 8ft. 3in. z 2ft., built 1966, new BLMC Captain 40hp engine, Seafarer, wheelhouse, echo sounder, dual controls, line hauler. Lying Newhaven, Edinburgh. To view telephone: 031-333 3109.

FOR Sale by private bargain the prewner/trawler "Kalehari" (UL.52). Wood carvel built by Anderson's Boatyard, Stromneas in 1971. Registered length 38ft., length overall 38ft., bradth 12.5ft., depth 4ft., engine 75hp Volvo Panta, heavy duty 3:1 reduction gearbox with towing propeller, MacKay and MacLeod hydraulic pot hauler, split drum one ton hydraulic winch. On hire Simrad Partner echo sounder. Boat's property Sailor radio telephone, one fourman liferaft. Vessel and machinery have been well maintained throughout and new liners and pistons have just been fitted to engine. Will be sold with trawl gear consisting of one 400 Cosalt prawn trawl, one bobbin trawl, doors and warps. A vessel under 25 tons would be considered in part exchange. Vessel is meantime fishing from Lochinver where inspection may be arranged with the owner W. M. Hutchinson, 11 Inverkirkaig, by Lochinver, telephone: Lochinver 382.

18190-Un-Sea, Essex. Telephone; U/UZ
16639.

TRAWI,ER 65ft., 40 tons, built
Norway 1950, 350hp fitted 1970, VP
propeller, hydraulic steering,
hydraulic trawi which, cargo winch,
lino hauler, radar. radios, sounder,
busts property Exceptionally sound.
Telephone Carlisle 19674.

MFV built 1968 by Frost & Drake.
Registered length 37ft. z 13ft. z 4ft.
gross tonnago 11.84, iroko hull carval,
66hp Gardner engine, Tollesbury
winch, echo sounder, radio
transmitter. Decca on hiro. Otter
boards, trawi etc. Fitted out for
scalloping, ideal for potting, 110,000.
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LONDON, EC4A 2JL

M.B. "EXCALIBUR" (INS.83)

Built of wood in 1961 by R. Irvin & Sons Ltd., Paterhead. Caterpillar D343 engine 400hp fitted new in 1989 and completely everhead

on 1974.
Teniford power steering, Arbrash cumbined sains/trawl hydraulic wish 1969. Repp power bluck 19in.
Slilps Property; Reutlion GR377 radio telephone. GR674 VHF radio, FR824 radar and FUV11 echosounder with fishlups and bottom lock, December 1998. 1998. 1869. Bluestelled 1974.

radar and FUV11 echosounder with fishlupe and bottom lock, Deca autopliot type 350 all Installed 1974.

On Hire: Deca Navigator Mk.21 and plotter.

Quantity of soing nots, ropes and fishing gear included in sele, Oversil length 74.9ft., registered length 69.6ft, breedth 20.15ft, depth 8.1ft, tennege 51.12 Vessel presently fishing and can be inspected by arangement.

All enquiries and offers to:

ARTHUR DUTHIE & CO.,LTD.

I SHORE STREET, LOSSIEMOUTH,

Telephone: 0343-81 2078.

"BOY CAMERON" BA.201.

"GOLDEN FLEECE" 38.81. r
39.9ft. x 15ft. x 6.8ft., built
Weatherhead, Dunbar 1974. 156hp
Kelvin, 31:1 reduction, Fife:
hydraulic winch, gallows aft., Wills
Ridley hydraulic steering, Sailur
wireless, Decca 101 radar, Kelvin
Hughes sounder all boat's property.
Decca Mk21 on hiro. Sale subject to
WFA approval. Telephone: Garlieston
278.

"GOLDEN FLEECE" 38.81. r
10.4ft. x 4ft., fully decked, larbe
oak, built Sandhaven 1982, kelmål:
Simrad anunder, new MacKar k
MacLeod aeries 2 pot heulet, in
keel, fr,000. 300 nearly new beel
netted prawn creels with new top
and buoys c1,200. S. MacKetz
Achiltibute, Ullapool, Ross-tib.
telephone: Achiltibute 273.

FOR SALE BY PRIVATE BARGAIN MFV "BROTHERS" (FR.115)

Wooden transom stern trawler and crabber, built in 1972 by Robsons, South Shiolik, traditional Scottish built, Overall length 43f., beam 15ft., draught 8ft., ton 19.5. Vessel fitted with Gardner 8LAB 170hp ougher, major overhant June 1076 (pistons, lines etc.) Norwinch TU5 low pressure extended drams and 13 ton pot hauler, Kort Norzle and hydraulic steering, Fibreglass whole back On his. Decen Mark V. Ships' property: Koden rather, Korlen chometer and holton lock, Corvette VIIF.

The vessel is in oxeellent condition and is meantime fishing at Ermanthurgh where she can be impacted on application to

The vessel is in excellent condition and is meanting issuing francrhurgh, where she can be inspected on application to Caley Fisheries Group Ltd., 1-3 Dairymple Street, Fraserburgh Telephone: 3241/2 with whom offers should be ledged. After hours telephone Franchurgh 2758 Mr. B. Strachan.

Classing date for offers 5 p.m. Friday 27th August, 1976.

BTKEI: MFV. built 1961, registered length 69 ft., overall 73 ft., beam 19.5 ft., draft 10 ft., 49 tons gross and nett, Lister Binckstone 264hp, WFA loan transferable. Also ateel MFV registered length 76 ft. overall 80 ft. x 19.6 ft., x 10.5 ft., 160hp gross tonnage 68.55 registered tonnage 31.79, built 1964, offers or would consider exchange for smaller vessels. Telephone: Floetwood 3714 or 4861.

Folkestone, virtually derelfet, engine and gearbox still on board, any offers?
Tolephone Wastey, New Millon B12033, 7 Lynric Close, New Millon, 120 durting, extras, excel in the condition, 120 during, extras, excel in the condition, 120 during, extras, excel in the condition, 120 during, extras, excel in the condition, 120 during excellent conditions.

NEW 32ft. x 12ft. fishing vessel, ferward wheelhouse, 120hp Ford diesel engins, heavy carvel construction in Iroko and oak frames at 2ft. 6in. centre, interspaced with American red eak riss, 15ft. oak engine beds, large flush deck, full 6ft. 3in. head room in wheelbows, ideal manckeret or angiling as ahe stands. Lying south coast, 17,850. Delivery and finance can be extanged. 101 Corsham Road, Whitley, Melksham, telephone: Melksham 7001.

P.S.B.P.B. built 1849, MFV

"Bunillidh Brace" (BH76).

Registered length 49ft., breadth 17ft.

In, depth 6ft. 6in., overall length
45ft., under 25 tons, engine Cattorpillar D333 180hp. rigged for atern
and side trawling. All navigation aide
and other equipment on hire. Fish;
gar to be sold with vessel if roquired,
can be inspected at Amble,
Northumberland where the vessel is
laving annual paint and rofit. All
offers considered. C. W. Wright, 68
Simonside Terrace, East Chevington,
Morpath, Northumberland NEG1
587.

San x 10f. x 3ft.6in., Ford 4D 80hp desk with Borg Warner hydraulic 2:1 reduction gearbox. engine top mizes, full navigation and dock detreas property Sasseribe destrated flags property Sasseribe data and depth recorder with white bands are on the Seavoice VHF. Express of the Seavoice VHF. Express for 1,100. Telephone: Berwick-on- lated 7775 after 6 no.

North Star II." (FY.246), Verability bull 1873, 31ft. x 10ft. x 3ft. a patan, steering, forward wheelhouse, Lister JPS 2:1 red., boat recently relited. A very sound bull 1873, 31ft. x 10ft. x 3ft. in the forward wheelhouse, Lister JPS 2:1 red., boat recently relited. A very sound bull in forward wheelhouse, mizzen buth, flushing toilet, gas cooker with the forward sequipment. Heavy buth 182 240 sounder, Seavoice by more steering, fuel capacity 70 sel dat, boat rigged for stern tray.

286t. Trayler, Ruston diesel engine, capaten, sounder, gear, 22,280.

34ft. x 11.8ft., Scottish bullt, shrimper trawler, 10.5 tons, byd. capaten, sounder, capaten, sounder, gear, 22,280.

Telephone Morcombe 418815.

8ECONDHAND fishing vessel for sale in France from 35ft., all types. Information on request A. Trilly BP7 (29132 Penmarch, France.)

34ft. Scottish Fifer, 36hp Lister, double drum winch, trawl net; the double drum winch, trawl net; the double drum winch. Larving specific drum winch. Trayler, Ruston diesel engine, capaten, sounder, forward wheelhouse, Lister JPS 2:1 red., boat recently relited. A very sound bullt for sale in France from 35ft., all types. Information on request A. Trilly BP7 (29132 Penmarch, France.)

34ft. Scottish Fifer, 36hp Lister, double drum winch, trawl net; doubl

Official and Classified

FOR SALE, 28tt. Scottlsh carvel built lebster bast, lister diesel, ex-cellent condition. Enquiries Telephone 0324-83 3899.

MV "Prince Igor" (HL61). Built 1888, oak on aak, engine 114hp Gardner 3:1 reduction, length 56ft. breadth 17.5ft. depth 7.6ft., equipment consists of Decca radar 101, Walehkeeper receiver hosts property. Decen Navigator Simrad sounder and Sailor Tr21 on htre. All anquiries and colers to Assertated Palactics Solver 1121 on aire. All enquires and offers to Associated Fisheries (Scotland) Ltd., 10 Clifford Fort, Fish Quay, North Shields, telephone North Shields 72183/4, after hours Whitley Bay 31388.

MIDAS (ISK4), built Whitby 1980, 49ft. 6in. x 16ft. x 6ft., 24.9 tons. Kelvin T4 major overhaul 1974 (bills. etc.). Stern geor overhaul 1974, follis, etc.). Stern geor overhauled 1076, new steel rudder recon, prop., new cutlass hearing and mulder shaft hearing all 1976, hull caulked where necessary and painted 1976, new steel waterlight hatches 1976, now hatterless and afternator 1976, full ro-wire 1975. Sevenberth, Calor cooking and heating, accommodation newly painted and varnished 1976/76, survey report available. Not used for fishing over last two years but in regular use. Skegan winch, rigged side and stern trawling, Kelvin flughes MS39 end forefund VHF on birs. Six mar liferaft, six Jackets, etc. Any survey £10,000 or best offer. Telephone up to 7.30 p.m. 0032 663653 or write Bos No. 284.

8045-3200.

MFV "Bounty" (PZ.8), 28.5ft. x 8.5ft. x 3ft., carvel built, Parsons 84hp, very little work since overhaul, Parsons mech. G.B., forward wheelhouse, Seavoice VHF., mizzen, pot hauler, all electrics, boat just surveyed. Further enquiries Crompton, Chy-An-Hea, Hea Corner, Heamoor, Perzance, Cornwall.

FOR sale 181. clinker angling, fishing boat, Stewart Shp, very good condition. 25ft. ex navel cutter converted to fishing boat, sound condition, 26hp Twin cylinder Armstrong Sydley diesel. Telephone: Aeron 676. TRAWLER "Harvester" 37ft, x 14ft, x 5ft., Kelvin 66hp electric start, trawl winch, trawl gear and doors, radlo, tishing out of Workington.— Telephone: Maryport 3411 after 8

IP23 9ft. x 2ft.6in., professional fisherinen built 1973, aft whoelhouse, Lister SR3 22hp 2:1 reduction, sir cooled, wireless, sounder, tollet. Telephone: Fleetwood 3673.

21ft. GRP hull Cheverton, 16.6hp Petter diesel, forward shelter, Sasfarer MkIII sche sounder, 21,000. The Sandbanka Yacht Co. Ltd., Telephone: Canford Cliffs 707000.

LIMITED Mons Mill, James Street,

"WILD WAVE" 36ft. GRP fast potter, built 1974, 250bhp Ford Sebre 22 knots, aft wheelhouse, Decca 101, Kelvin Hughes SSB., auto pilot, steering, WFA grant and loan transferable. Offers for quick sale telephone: Dorset (0202) 695426.

1962, 780. x 200. x 90. steel heam trawler, under 50 tons, 300hp. Deulz and auxiliary servo hydraulic steering, net drum mid water trawl headline transducer, radar, two VHF R/T. sounder all ship's property, 132,500. Leslie Cunnington, Brixham 188445 3200.

48ft. MFV built 1952, oak on oak, fitted eide or stern trawling with all gear. Ships property includes Decca 050 radar, VHF, two MCS radio and Kelvin Hughes MS39. Decca Mk21 and liferati on hire. For fuller details Box No. 292.

ishermen built 1973, at whoelhouse, Lister SR3 22hp 2:1 reduction, sir cooled, wireless, sounder, totlet. Telephone: Fleetwood 3873.

78ft. trawler, 350hp engine, rigged for scallops complete with dredges, triwl gear, ideal mid watering, offers around, £16,000. Mr. Bridge, 63 Randwick Park Road, Plymatock.

86ft. r 11ft.6in. x 4ft.6in. stem trawler, built 1973, complete refit March 1976, 124hp Leyland 2:1 reduction with nozzle, 650 galls. March 1976, 124hp Leyland 2:1 reduction with nozzle, 650 galls. Just ton winch, offshore 500, cho sounder, VHF, Decca, etc. Price 10,750. Telephone: Thanet (US43) 683138.

41ft. x 12ft. x 4ft. trawler, crabher, present fishing. Gardner GLW echosometric fishing of proper deck-engled the boat for a larger deck-e

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FV. 29ft. x 10ft. x 3ft. approx., 72 hp diesel, carvel, forward wheelhouse enclosed, hydraulic winch, net block/line heuter, Kelvin Hughes 39 sounder, VHF, toilet, oil stove, trawl and scallop gear, derrick, etc., very well fitted and equipped, built 1972, owner bought larger vassel. Telephone: Port Erin 832641.

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36ft, to 44ft, Scottish MFV., £3,000 to £4,560, must be open to survey, no rubhash. Box No. 290.

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